archives of Surgery

VOLUME 121

JANUARY THROUGH DECEMBER 1986

American Medical Association Publication

archives of
Surgery

Chief Editor

Arthur E. Baue, MD, St Louis

Associate Editor

Donald L. Kaminski, MD, St Louis

Editorial Board

William S. Blakemore, MD, Birmingham, Ala
John F. Burke, MD, Boston
John L. Cameron, MD, Baltimore
Robert E. Condon, MD, Milwaukee
Edward M. Copeland III, MD, Gainesville, Fla
William L. Donegan, MD, Milwaukee
Book Review Editor, Ben Eiseman, MD, Denver
Calvin B. Ernst, MD, Detroit
Josef E. Fischer, MD, Cincinnati
Robert J. Freeark, MD, Maywood, Ill
William J. Fry, MD, Dallas
Robert E. Hermann, MD, Cleveland
LaSalle D. Leffall, Jr, MD, Washington, DC
David L. Nahrwold, MD, Chicago
Lloyd M. Nyhus, MD, Chicago
Basil A. Pruitt, Jr, MD, San Antonio, Tex
Mark C. Rogers, MD, Baltimore
John L. Sawyers, MD, Nashville, Tenn
G. Thomas Shires, MD, New York
Richard L. Simmons, MD, Minneapolis
Donald D. Trunkey, MD, Portland, Ore
Alexander Walt, MD, Detroit
Vallee L. Willman, MD, St Louis
Hastings K. Wright, MD, New Haven, Conn

Consultant in Urology, Bernard Lytton, MD

AUTHOR INDEX TO VOLUME 121

In this Index in alphabetical order are listed the names of authors of all articles and correspondence. Full citation is given under first author only; reference is made from joint authors. Reviewers of books and authors of editorial comments are listed in the Author Index. Names which begin with a prefix are entered under the prefix.

A

Abd-Elfattah A see Morris JJ III
Abergel RP see White RA
Abou-Issa H see McCabe D
Ackerman NB, Nallathambi MN, Patel KR, Panchecharam P, Williams SE: Second hepatoma developing 13 years after resection of first tumor, 726 (Je)
Adams EM see Weinstein ES
Adams MB, Seabrook GR, Quebbeman EA, Condon RE: Jejunostomy, 236 (Fe)
Adinolfi MA see Kerstein MD
Adson MA: Clinical surgeons who write, pride, prejudice, and responsibility, 509 (My)
Afshani E see Newman BM
Ahnen DJ see Pearlman NW
Albera JE see Welling RE
Alexander JW see Waymack JP
Alexander JW:
Development of safe and effective 1-minute preoperative skin preparation (letter) 615 (My)
Nutrition and infection, 966 (Au)
Amato D see Wilson RE
Amberg JR see Morgan TR
Amelin PM see Fiddian-Green RG
Anani P see Gertsch P
Andrassy RJ: Jejunostomy (letter) 1095 (Se)
Andreone PA see Teichmann W
Andros G see Harris RW
Andrus CH, Kaminski DL: Segmental hepatic resection utilizing ultrasonic dissector, 515 (My)
Antman K see Wilson RE
Appel PL see Kram HB
Apyan RL see Harris RW
Aranha GV, Greenlee HB: Intra-abdominal surgery in patients with advanced cirrhosis, 275 (Mr)
Ariel A see Gozal D
Ariyan S: 1-stage mastectomy with immediate reconstruction for high-risk patients (editorial comment) 225 (Fe)
Armstrong A see Moyer MP
Arnstein M see Lally KP
Aron B see Popp MB
Arous E see Fiddian-Green RG
Asbun H see Davies RJ
Astudillo R, Merrell R, Sanchez J, Olmedo S: Ventral herniorrhaphy aided by pneumoperitoneum, 935 (Au)
Athanasoulis CA see Waltman AC
Atkinson JB see Lally KP
Aust JB see Moyer MP
Aust JC see Lefor AT
Autio V see Negre J
Azumi N see Kokai WA

B

Badhey MR see Schulman ML
Bagarani M see Basso N
Bailey PM see Fried RC
Baker CC see Feist E
Baker HW: Biologic control of cancer, 1237 (No)
Baker J see Klimberg I
Baker S see Fiddian-Green RG
Baker WH see Dennis JW
Balko A, Malhotra CM, Wincze JP, Susset JG, Bansal S, Carney WI, Hopkins RW: Deep-penile-vein arterialization for arterial and venous impotence, 774 (Jy)
Ballantyne GH see Modlin IM
Bandyk DF see Schmitt DD
Bandyk DF, Jorgensen RA, Towne JB: Intraoperative assessment of in situ saphenous vein arterial grafts using pulsed doppler spectral analysis, 292 (Mr)
Banks WL Jr see Baron PL
Bansal S see Balko A
Barcelli UO see Freund HR
Barie PS see Jones WG
Barkin JS see Russin DJ
Baron PL, Lawrence W Jr, Chan WMY, White FKH, Banks WL Jr: Effects of parenteral nutrition on cell cycle kinetics of head and neck cancer, 1282 (No)
Barrett JA see Peacock AR
Barroso FL, Ornellas-Filho A, Saboya CJ, Frota-Pessoa R, Oliveira A, Vaz OP, Galvão JB: Duodenoplasty and proximal gastric vagotomy in peptic stenosis, 1021 (Se)
Barth RF see O'Dwyer PJ
Bartle EJ see Zapata-Sirvent R
Bartlett FF, Gibbons GW, Wheelock FC Jr: Aortic reconstruction for occlusive disease, 1150 (Oc)
Bassil B see Prout GR Jr
Basso N, Bagarani M, Bracci F, Cucchiara G, Gizzonio D, Grassini G, Percoco M, Procaccianto F, Toti F: Ranitidine and somatostatin, 833 (Jy)
Bat L see Shemesh E
Baue AE see Feist E
Baylor P see Gerst PH
Beatty BG see Duda RB
Beatty JD see Duda RB
Becker JM, Rosen CB, Kelly KA, Micevych PE, Cranley
Becker JM, et al—Continued
B, Go VLW: Canine mucosal antrectomy, 824 (Jy)
Belghiti J, Banhamou J-P, Houry S, Grenier P, Huguier M, Fékété F: Caustic sclerosing cholangitis, 1162 (Oc)
Belkin B see Belkin M
Belkin M, Belkin B, Bucknam CA, Straub JJ, Lowe R: Intra-arterial fibrinolytic therapy, 769 (Jy)
Benhamou J-P see Belghiti J
Benitez PR see Nelson RM
Berg R see Deitch EA
Bergan JJ see McCarthy WJ
Bernard SA see Gabriel DA
Bernhard VM see Cohen LH
Bertel CK, van Heerden JA, Sheedy PF II: Treatment of pyogenic hepatic abscesses, 554 (My)
Beasley PG see Watters JM
Bird T see Prinz RA
Bishara RA see Pasch AR
Bjerre-Jepsen K see Raahave D
Bjornson HS see Freund HR
Blanchard RJ see Nicolle LE
Blanco-Benavides R: Subcutaneous positioning of high-risk colonic anastomosis and colonic lesions (letter) 974 (Au)
Bland KI, O'Neal B, Weiner LJ, Tobin GR II: 1-stage simple mastectomy with immediate reconstruction for high-risk patients, 221 (Fe)
Bleday R, Weiss MJ, Salem RR, Wilson RE, Chen LB, Steele G Jr: Inhibition of rat colon tumor isograft growth with dequalinium chloride, 1272 (No)
Blocker SH see Goldman CD; Rifkin RH
Boekholtz WKF see Goris RJA
Bond SJ see Larson GM
Bonglovanni G see Popp MB
Bonow RO see Ettinghausen SE
Border JR: Pulmonary and cardiovascular consequences of immediate fixation or conservative management of long-bone fractures (editorial comment) 992 (Se)
Borrero E, Clervo J, Chang JB: Antacid vs sucralfate in preventing acute gastrointestinal tract bleeding in abdominal aortic surgery, 810 (Jy)
Bosch J see Schanzer H
Bova JD see Hickman MS
Bower RH, Talamini MA, Sax HC, Hamilton F, Fischer JE: Postoperative enteral vs parenteral nutrition, 1040 (Se)
Braasch JW see Deziel DJ
Braasch JW: Lost sheep, 385 (Ap)
Bracci F see Basso N
Bradley SJ, Garfinkle G, Walker E, Salem R, Chen LB, Steele G Jr: Increased expression of epidermal growth factor receptor on human colon carcinoma cells, 1242 (No)
Brar D see Moon BC
Brasslow L: Changing aspects of radiation enteropathy (letter) 1212 (Oc)
Bratanow N see Kram HB
Braunstein P see Waxman K
Braverman A see Morrow M
Brazil M, Lindorer RJ, Dickhans MJ, Garvin PJ: Aseptic hip necrosis after renal transplantation, 803 (Jy)
Bredenberg CE see Lefor AT
Brems J, Castaneda M, Garvin PJ: Five-year experience with bovine heterograft for vascular access, 941 (Au)
Brennan MF see Collin C
Brodt JK see Solomkin JS
Brotman S see Evans RD
Broughan TA see Rustin RB
Broughan TA, Jaroch MT, Esselstyn CB Jr: Parathyroid hormone assay, 841 (Jy)
Brown GE see Lanser ME
Brown GL, Foshee H, Pietsch J, Polk HC Jr: Muramyl dipeptide enhances survival from experimental peritonitis, 47 (Ja)
Brown L, Partridge H, Eckstein MR: Bifurcation of cervical internal carotid artery (letter) 367 (Mr)
Buchbinder D, Pasch AR, Rollins DL, Dillon BC, Douglas DJ, Schuler JJ, Flanigan DP: Results of arterial reconstruction of foot, 673 (Je)
Buchele BA see Dayton MT
Bucknam CA see Belkin M
Bulkley GB see Schlegel PN
Bunt TJ: Aortic reconstruction vs extra-anatomic bypass and angioplasty, 1166 (Oc)
Burchard KW see Slotman GJ
Burrows L see Schanzer H
Bush HL Jr see Curl GR
Bush HL see Shepard AD
Butch RJ see Saini S
Butsch JL: Knotty problem with feeding jejunostomy tube (letter) 736 (Je)
Buzby GP see Dempsey DT; Fried RC
Byers RM: Role of modified neck dissection in treatment of cutaneous melanoma of head and neck, 1338 (No)

C

Cady DM see Lagoe RJ
Callow AD see Eldrup-Jorgensen J; Shepard AD
Cameron JL: Caustic sclerosing cholangitis (editorial comment) 1165 (Oc)
Campbell DN: Pediatric Cardiac Surgery (Book Review) 856 (Jy)
Cantelmo NL, Snow JR, Menzoian JO, LoGerfo FW: Successful vein bypass in patients with ischemic limb and palpable popliteal pulse, 217 (Fe)
Carey LC see Innes J
Carey R see Wilson RE
Carney WI see Balko A
Carr-Locke DL see Neoptolemos JP
Carrico CJ see Helton WS
Carrico CJ, Meakins JL, Marshall JC, Fry DE, Maier, RV: Multiple-organ-failure syndrome, 196 (Fe)
Caruana JA, Whalen DA Jr, Maben WC, Chen H-H: β-adrenergic blockade increases hepatic extraction of glucose in sepsis, 319 (Mr)
Casola G see Olak J
Castaneda M see Brems J
Cerra FB see Dunn DL; Keller GA
Chan WMY see Baron PL
Chandan N see Dunn DL
Chang JB see Borrero E
Chatterjee SN see Hesse UJ
Chaudhuri B see Chaudhuri PK
Chaudhuri PK, Chaudhuri B, Patel N: Modulation of estrogen receptor by insulin and its biologic significance, 1322 (No)
Chaudry IH see Feist E
Chen H-H see Caruana JA
Chen LB see Bleday R; Bradley SJ
Chen YM see Ott DJ
Chey W see Steiner E
Christou NV see Olak J; Tchervenkov JI
Chu DZJ see Lang NP
Churchill R see Dobrin PB
Clervo J see Borrero E
Clark JR: Review of Common Surgical Problems (Book Review) 855 (Jy)
Clarke LE see Nakhgevany KB
Cohen AJ see Waxman K
Cohen AM see Tepper JE
Cohen JR, Mannick JA, Couch NP, Whittemore AD: Recognition and management of impending vein-graft failure, 758 (Jy)
Cohen LH, Kaplan M, Bernhard VM: Intraoperative streptokinase, 708 (Je)
Cohen MD, Westman RM, Provisor AJ, Grosfeld JL, West KW, Cory DA, Smith JA, McGuire W: Efficacy of magnetic resonance imaging in 139 children with tumors, 522 (My)
Colacchio TA, Memoli VA: Chemoprevention of colorectal neoplasms, 1421 (De)
Coleman W see Lanser ME
Collier JA see Schoetz DJ Jr
Collin C, Hadju SI, Godbold J, Shiu MH, Hilaris BI, Brennan MF: Localized, operable soft tissue sarcoma of lower extremity, 1425 (De)
Compton C see Vander Salm TJ
Condon RE see Adams MB
Condon RE:
Development of safe and effective 1-minute preoperative skin preparation (letter) 615 (My)
Type III error, 877 (Au)
Connolly RJ see Eldrup-Jorgensen J
Constable WC see Fortier GA
Cook AO, Levine BA, Sirinek KR, Gaskill HV III: Evaluation of gastric adenocarcinoma, 603 (My)
Cooney DR see Newman BM
Corson JM see Wilson RE
Cory DA see Cohen MD
Couch NP see Cohen JR
Covinsky J see Pemberton LB
Cranley B see Becker JM
Cronenwett JL, Shapiro DM, Luce JL: Effect of prolonged intra-arterial prostaglandin E_1 infusion on canine arterial graft patency, 760 (Jy)
Croom RD III see Gabriel DA
Crosby LO see Fried RC
Crouch EC see Goldman CD
Crozier RE see Ellis FH Jr
Cucchiara G see Basso N
Curl GR, Jakubowski JA, Nabseth DC, Bush HL Jr: Efficacy of tissue plasminogen activator and urokinase in canine model of prosthetic graft thrombosis, 782 (Jy)
Custer MC see Lotze MT
Cutler BS see Fiddian-Green RG

D

Daising MC see Jones CS
Daly JM see Sigurdson ER
Dao TL see Schuh ME
Darrow JM see Norris CS
Davies RJ see Goller DA
Davies RJ, Juncosa RD, Kaplan D, Pompinello C, Asbun H, Pilch YH: Colonic epithelial impedance analysis in murine model of large-bowel cancer, 1253 (No)
Davis JH Jr see Mead PB

Dawson R see Moon BC
Dayton MT, Buchele BA, Shirazi SS, Hunt LB: Use of absorbable mesh to repair contaminated abdominal-wall defects, 954 (Au)
de Paredes ES see Wilhelm MC
Deitch EA, Winterton J, Berg R: Thermal injury promotes bacterial translocation from gastrointestinal tract in mice with impaired T-cell-mediated immunity, 97 (Ja)
Delgado G see Potkul RK
Dellinger EP, Wertz MJ, Lennarri ES, Oreskovich MR: Efficacy of short-course antibiotic prophylaxis after penetrating intestinal injury, 23 (Ja)
Dembrow VO: Role of surgical oncologist in community hospital, 1231 (No)
DeMeules JE: In vitro reversal of cardiac deterioration in septic shock with tetraethylammonium chloride, 65 (Ja)
Deming RH see Wood JJ
Dempsey DT, Knox LS, Mullen JL, Miller C, Feurer ID, Buzby GP: Energy expenditure in malnourished patients with colorectal cancer, 789 (Jy)
Dennis JW, Littooy FN, Greisler HP, Baker WH: Anastomotic pseudoaneurysms, 314 (Mr)
Deno DC see Lozman J
DePoli PA see Wilson RF
Deziel DJ, Rossi RL, Munson JL, Braasch JW, Silverman ML: Management of bile duct cysts in adults, 410 (Ap)
Diano E see Tchervenkov JI
Dickhans MJ see Brazil M
Dillon BC see Buchbinder D
Dinarello CA see Watters JM
Dintzman M see Ziv Y
Dobrin PB, Gully PH, Greenlee HB, Freeark RJ, Moncada R, Churchill R, Raynes C, Henkin R: Radiologic diagnosis of intra-abdominal abscess, 41 (Ja)
Dodson TF see Norris CS
Donahoe PK see Ikawa H
Donayre C see White RA
Douglas DJ see Buchbinder D
Drath DB see Kulkarni AD
Duda RB see Kokal WA
Duda RB, Beatty JD, Sheibani K, Williams LE, Paxton RJ, Beatty BG, Shively JE, Vlahos WG, Werner JL, Kemeny MM, Kokal WA, Riihimaki DU, Wagman LD, Terz JJ: Imaging of human colorectal adenocarcinoma with indium-labeled anticarcinoembryonic antigen monoclonal antibody, 1315 (No)
D'Ugo DM see Schwartz GF
Dulawa LB see Harris RW
Dunn DL, Ewald DC, Chandan N, Cerra FB: Immunotherapy of gram-negative bacterial sepsis, 58 (Ja)
Dunn DL, Simmons RL:
Kinetics of peritoneal clearance of *Escherichia coli* and *Bacteroides fragilis* and participating defense mechanisms (editorial comment) 1053 (Se)
Murine neutrophil migration during course of intra-abdominal abscess (editorial comment) 799 (Jy)
Dutton R see Lozman J
Dwyer J see Faist E
Dwyer RM see Pietrafitta JJ; White RA

E

Eaton R see Wood JJ
Eckhauser FE see Pomerantz RA
Eckhauser FE, Pomerantz RA, Knol JA, Strodel WE, Williams DM, Turcotte JG: Early variceal rebleeding after successful distal splenorenal shunt, 547 (My)
Eckstein MR see Brown L
Edrich L see Waxman K
Edwards LL see Freund HR
Eiseman B:
Clinical Applications of Respiratory Care (Book Review) 854 (Jy)
CPR Training by Computer (Book Review) 857 (Jy)
Current Operative Surgery—General Surgery (Book Review) 855 (Jy)
Is Prevention Better than Cure? (Book Review) 614 (My)
Johnson's Surgery of Chest (Book Review) 858 (Jy)
Reconstructive Surgery of Gastrointestinal Tract (Book Review) 855 (Jy)
Reoperative Arterial Surgery (Book Review) 858 (Jy)
Surgical Gastroenterology (Book Review) 976 (Au)
Surgical Treatment of Digestive Disease (Book Review) 976 (Au)
Vascular Surgery (Book Review) 614 (My)
Eldrup-Jorgensen J, Connolly RJ, Mackey WC, Ramberg K, O'Donnell TF, Valeri CR, Callow AD: Antiplatelet therapy and vascular grafts, 778 (Jy)
Ellenberg SS see Kaiser MH
Ellis FH Jr, Crozier RE, Shea JA: Paraesophageal hiatus hernia, 416 (Ap)
Enker WE, Hellwell M, Janov AJ, Quan SH, Magill G, Stearns MW Jr, Shank B, Leaming R, Sternberg SS: Improved survival in epidermoid carcinoma of anus in association with preoperative multidisciplinary therapy, 1536 (De)
Ergin MT see Mukherji B
Espinoza E see Vander Salm TJ
Esselstyn CB Jr see Broughan TA
Ettinger L see Lally KP
Ettinghausen SE, Bonow RO, Palmeri ST, Selpp CA, Steinberg SM, White DE, Rosenberg SA: Prospective study of cardiomyopathy induced by adjuvant doxorubicin therapy in patients with soft-tissue sarcomas,
Ettinghausen SE, et al—Continued
1445 (De)
Evans RD, Brotman S: Ogilvie's syndrome following traumatic rupture of thoracic aorta (letter) 615 (My)
Ewald DC see Dunn DL

F

Faist E, Kupper TS, Baker CC, Chaudry IH, Dwyer J, Baue AE: Depression of cellular immunity after major surgery, 1000 (Se)
Fang WL see Wanebo HJ
Fanslow WC see Kulkarni AD
Fantus R see Mohamed G
Fareed J see Prinz RA
Farnell MB, Worthington-Self S, Mucha P Jr, Ilstrup DM, McIlrath DC: Closure of abdominal incisions with subcutaneous catheters, 641 (Je)
Farrar WB see O'Dwyer PJ
Fékété F see Belghiti J
Fetter BF see Prola AD
Feurer ID see Dempsey DT
Feustel PJ see Lozman J
Fiddian-Green RG, Amelin PM, Herrmann JB, Arous E, Cutler BS, Schiedler M, Wheeler HB, Baker S: Prediction of development of sigmoid ischemia on day of aortic operations, 654 (Je)
Fiedler MD, Jones LM, Miller SF, Finley RK: Correlation of response time and results of abdominal gunshot wounds, 902 (Au)
Fiegel VD see Rostein OD
Fildes J see Gerst PH
Fink LM see Pearlman NW
Finley RK see Fiedler MD
Fischer JE see Bower RH; Freund HR; Hasselgren P-O; Sax HC
Flamenag TJ see Lang NP
Flanigan DP see Buchbinder D; Pasch AR
Fleming AW see Kram HB
Flinn WR see McCarthy WJ
Forlenza T see Morrow M
Formosa P see Waxman K
Fortier GA, Constable WC, Meyers H, Wanebo HJ: Preoperative radiation therapy for rectal cancer, 1380 (De)
Fortune JB see Lozman J
Foshee H see Brown GL
Fossard DP see Neoptolemos JP
Fraser I see Innes J
Fratesi GR see Modlin IM
Freeark RJ see Dobrin PB
Freeman CR see McArdle AH
Freund HR, James JH, LaFrance R, Gallon LS, Barcelli UO, Edwards LL, Joffe SN, Bjornson HS, Fischer JE: Effect of indomethacin on muscle and liver protein synthesis and on whole-body protein degradation during abdominal sepsis in rat, 1154 (Oc)
Freund HR, Muggia-Sullam M, LaFrance R, Holroyde J, Fischer JE: Regional brain amino acid and neurotransmitter derangements during abdominal sepsis and septic encephalopathy in rat, 209 (Fe)
Fried RC, Bailey PM, Mullen JL, Stein TP, Crosby LO, Buzby GP: Alterations in exogenous substrate metabolism in sepsis, 173 (Fe)
Friedman M see Muñoz E
Friis-Moller A see Raahave D
Fromm D: Decision Making in Gastroenterology (Book Review) 732 (Je)
Frota-Pessoa R see Barroso FL
Fry DE see Carrico CJ; Weinstein ES
Fry DE, Trachtenberg L, Polk HC Jr: Serum kinetics of intraperitoneal moxalactam, 282 (Mr)
Fryd DS see Hesse UJ
Fulenwider JT, Galambos JD, Smith RB III, Henderson JM, Warren WD: LeVeen vs Denver peritoneovenous shunts for intractable ascites of cirrhosis, 351 (Mr)
Furste WL: Potential development of tetanus in wounded patients with AIDS (letter) 367 (Mr)

G

Gabriel DA, Bernard SA, Lambert J, Croom RD III: Oophoropexy and management of Hodgkin's disease, 1083 (Se)
Gaffey TA see Rainwater LM
Galambos JD see Fulenwider JT
Gallon LS see Freund HR
Galvão JB see Barroso FL
Gamelli RL see Mead PB
Garfinkle G see Bradley SJ
Garnett D see Waymack JP
Garvin PJ see Brazil M; Brems J
Gaskill HV III see Cook AO
Geha AS see Kopf GS
Gelfand DW see Ott DJ
Gerst PH, Fildes J, Baylor P, Zonazsin J: Long-acting β-adrenergic antagonists as preparation for surgery in thyrotoxicosis, 838 (Jy)
Gertsch P, Loup P-W, Lochman A, Anani P: Changing patterns in vascular form of Ehlers-Danlos syndrome, 1061 (Se)
Gewertz BL see Graham AM
Gibbons GW see Bartlett FF
Glisanz V see Lally KP
Girotti MJ see Moon BC
Gizzonio D see Basso N
Glabman S see Schanzer H
Glaser RS see Welling RE
Glenn J see Rossi JA
Glover JL see Jones CS
Glynn MJ: Isolated splenic vein thrombosis, 723 (Je)
Go VLW see Becker JM
Godbold J see Collin C
Goff JS: Therapeutic Gastrointestinal Endoscopy (Book Review) 857 (Jy)
Goldberg RI see Russin DJ
Goldman CD, Blocker SH, Ternberg JL, Crouch EC: Management of experimental pneumothorax in weanling rabbits with use of fibrin glue sclerosant, 565 (My)
Goldman MJ, Numann PJ, Smith T: Metastasis to choroid of eye from carcinoma of breast (letter) 973 (Au)
Goller DA, Waldema WF, Davies RJ: Transmural electrical potential difference as early marker in colon cancer, 345 (Mr)
González RP see Pickleman J
Goodwin CW see Jones WG
Goris RJA see Nuytinck JKS
Goris RJA, Boekholtz WKF, van Bebber IPT, Nuytinck JKS, Schillings PHM: Multiple-organ failure and sepsis without bacteria, 897 (Au)
Gorman JF see Reed JK
Gozal D, Zisser A, Shupak A, Ariel A, Melamed Y: Necrotizing fasciitis, 233 (Fe)
Graham AM, Gewertz BL, Zarins CK: Predicting cerebral ischemia during carotid endarterectomy, 595 (My)
Grassini G see Basso N
Greenberg RA see Moore C
Greenberger J see Wilson RE
Greenlee HB see Aranha GV; Dobrin PB
Greisler HP see Dennis JW
Grenier P see Belghiti J
Griffen WO Jr: Surgical critical care, 991 (Se)
Griffin P see Prout GR Jr
Grosfeld JL see Cohen MD
Grosfeld JL, West KW: Generalized juvenile familial polyposis coli, 530 (My)
Grundfest-Broniatowski SF see Rustin RB
Guha A see Mukherji B
Gully PH see Dobrin PB
Gupta RK see Wong JH
Gutierrez O see Steiner E

H

Hadju SI see Collin C
Halmovici H, Sprayregen S: Congenital micro-arteriovenous shunts, 1065 (Se)
Hall P see Mead PB
Halliday B see Knighton DR
Hamilton F see Bower RH
Hamm DP see Morris JJ III
Han-Lin C see Tsou-Hsin C
Hansbrough JF see Zapata-Sirvent R
Hanson J see Luna GK
Harada JR see Kokal WA
Harding GKM see Nicolle LE
Harmon D see Wilson RE
Harris DK: MEDIS, 1113 (Oc)
Harris RW, Andros G, Salles-Cunha SX, Dulawa LB, Obiath RW, Apyan RL: Totally autogenous venovenous composite bypass grafts, 1128 (Oc)
Hart WR see Rustin RB
Hasselgren P-O, Talamini MA, James JH, Fischer JE: Protein metabolism in different types of skeletal muscle during early and late sepsis in rats, 918 (Au)
Hau T, Jacobs DE, Hawkins NL: Antibiotics fail to prevent abscess formation secondary to bacteria trapped in fibrin clots, 163 (Fe)
Hawkins JA see Mower WJ
Hawkins NL see Hau T
Hawley D see Popp MB
Hedberg SE see Tepper JE
Heggers JP see Wilson RF
Hellwell M see Enker WE
Helmbach DM see Luna GK
Hellenbrand WE see Kopf GS
Helton WS, Carrico CJ, Zaveruha PA, Schaller R: Diagnosis and treatment of splenic fungal abscesses in immune-suppressed patient, 580 (My)
Henderson JM see Fulenwider JT
Hendren WH see Ikawa H
Henkin R see Dobrin PB
Herman L see Young JO
Hermann RE see Rustin RB
Hermann RE:
Peritoneoscopy in extrahepatic abdominal diseases (editorial comment) 820 (Jy)
Long-acting β-adrenergic antagonists as preparation for surgery in thyrotoxicosis (editorial comment) 840 (Jy)
Hernandez A: Malignant Tumors of Childhood (Book Review) 1214 (Oc)
Herrera L see Stulc JP
Herrmann JB see Fiddian-Green RG
Hesse UJ, Fryd DS, Chatterjee SN, Simmons RL, Sutherland DER, Najarian JS: Pulmonary infections, 1056 (Se)
Hickman MS, Schweisinger WH, Bova JD, Kurtin WE: Computed tomographic analysis of gallstones, 289 (Mr)
Hilaria BI see Collin C
Hinkle GH see O'Dwyer PJ
Hodde KC see van Bemmelen SP
Hoffmann J see Ofek B
Holroyde J see Freund HR
Hopkins RW see Balko A

Hoschner J see Lucas CE
Houry S see Belghiti J
Howard R see Lineaweaver W
Howe HR Jr, Pennell TC: Superior temporary shunt for management of vascular trauma of extremity (letter) 1212 (Oc)
Hoynck van Papendrecht AA see van Bemmelen SP
Huguier M see Belghiti J
Humphrey RW see Weinstein ES
Hunt LB see Dayton MT
Hunt TK see Knighton DR
Hunter CF see Lang NP

I

Idezuki Y see Sato O
Ikawa H, Kim SH, Hendren WH, Donahoe PK: Acetylcholinesterase and manometry in diagnosis of constipated child, 435 (Ap)
Ilstrup DM see Farnell MB
Inbar M see Klausner JM
Innes J, Fraser I, Carey LC: Vasoactive properties of ascitic fluid in acute pancreatitis in porcine model, 665 (Je)

J

Jacobs DE see Hau T
Jacobs LM, Schwartz RJ: Impact of prospective reimbursement on trauma centers, 479 (Ap)
Jakubowski JA see Curl GR
James A see McCabe D
James AG: How effective is adjuvant cancer chemotherapy? 1233 (No)
James JH see Freund HR; Hasselgren P-O
Janov AJ see Enker WE
Jarouch MT see Broughan TA
Jenkins RL: Boston Center for Liver Transplantation (BCLT), 424 (Ap)
Jewett TC Jr see Newman BM
Joehl RJ see Rosai JA
Joffe SN see Freund HR
Jones CS, Reilly MK, Dalsing MC, Glover JL: Chronic contained rupture of abdominal aortic aneurysms, 542 (My)
Jones LM see Fiedler MD
Jones WG, Barie PS, Yurt RW, Goodwin CW: Enterococcal burn sepsis, 649 (Je)
Jorgensen RA see Bandyk DF
Juler GL see Lifschutz H
Juncosa RD see Davies RJ

K

Kadlubar FF see Lang NP
Kahan BD see Naito K
Kaiser MH, Ellenberg SS: Pancreatic cancer, 120:899; correction, 121:1045 (Se)
Kaminski DL see Andrus CH
Kanchanapoon V see Moss R
Kaplan D see Davies RJ
Kaplan M see Cohen LH
Kaplan SR see Russin DJ; Schanzer H
Karp MP see Newman BM
Keefe WE see Lawrence W Jr
Keller GA, West MA, Cerra FB, Simmons RL: Macrophage-mediated modulation of hepatocyte protein synthesis, 1199 (Oc)
Kellman RM see Lefor AT
Kelly GL: Issues and Answers in Vascular Surgery (Book Review) 1214 (Oc)
Kelly KA see Becker JM
Kelly PT, Westdahl PR: Breast cancer risk analysis (letter) 973 (Au)
Kemeny MM see Duda RB; Kokal WA
Kendall DC see Lang NP
Kernen JA see Stiles GM
Kerstein MD, Adinolfi MA: Pulmonary dysfunction associated with streptokinase therapy, 852 (Jy)
Kilpatrick SJ see Lawrence W Jr
Kim SH see Ikawa H
Kithier K see Lucas CE
Klausner JM, Leicuk S, Inbar M, Rozin R: Effects of perioperative fluorouracil administration on convalescence and wound healing, 239 (Fe)
Klein SR see White RA
Kleinman CS see Kopf GS
Klimberg I, Sirois R, Wajsman Z, Baker J: Intraoperative autotransfusion in urologic oncology, 1326 (No)
Klopper PJ see van Bemmelen SP
Knighton DR, Halliday B, Hunt TK: Oxygen as antibiotic, 191 (Fe)
Knol JA see Eckhauser FE; Pomerantz RA
Knox LS see Dempsey DT
Kogan FJ see Morgan TR
Kokal WA see Duda RB
Kokal WA, Duda RB, Azumi N, Sheibani K, Kemeny MM, Terz JJ, Harada JR: Tumor DNA content in primary and metastatic colorectal carcinoma, 1434 (De)
Kopchok G see White RA
Kopf GS, Geha AS, Hellenbrand WE, Kleinman CS: Fate of left-sided cardiac bioprosthesis valves in children, 488 (Ap)
Kram HB, Shoemaker WC, Bratanow N, Appel PL, Sterling RP, Fleming AW: Noninvasive conjunctival oxygen monitoring during carotid endarterectomy, 914 (Au)
Kripiani AK, Sharma LK: Peritoneoscopy in extrahepatic abdominal diseases, 818 (Jy)
Kroncke GM, Nichols RD, Mendenhall JT, Myerowitz PD, Starling JR: Ectothermic philosophy of acid-base balance to prevent fibrillation during hypothermia, 303 (Mr)
Kuhns JG see Moore C
Kulkarni AD, Fanslow WC, Drath DB, Rudolph FB, Van Buren CT: Influence of dietary nucleotide restriction on bacterial sepsis and phagocytic cell function in mice, 169 (Fe)
Kupper TS see Faist E
Kurtin WE see Hickman MS

L

LaFrance R see Freund HR
Lagoe RJ, Cady DM: Total cholecystectomy utilization by diagnosis related group, 1006 (Se)
Lally KP, Arnstein M, Siegel S, Miller JH, Glisanz V, Ettinger L, Atkinson JB: Comparison of staging methods for Hodgkin's disease in children, 1125 (Oc)
Lambert J see Gabriel DA
La Morte WW see McBride K
Lander V see Pemberton LB
Lang NP, Chu DZJ, Hunter CF, Kendall DC, Flammang TJ, Kadlubar FF: Role of aromatic amine acetyltransferase in human colorectal cancer, 1259 (No)
Lanser ME, Brown GE, Mora R, Coleman W, Siegel JH: Trauma serum suppresses superoxide production by normal neutrophils, 157 (Fe)
Laplante MP see McArdle AH
Larson GM see Natscher D
Larson GM, Bond SJ, Shallcross C, Mullins R, Polk HC Jr: Colonoscopy after curative resection of colorectal cancer, 535 (My)
Lawrence W Jr see Baron PL
Lawrence W Jr, Wilson RE, Shingleton WW, Keefe WE, Kilpatrick SJ: Surgical oncology in university departments of surgery in United States, 1088 (Se)
Leaming R see Enker WE
Ledgerwood AM see Lucas CE
Lee C-H, P'eng F-K, Lui W-Y: Clinical aspect of retained gastric antrum, 1181 (Oc)
Leffall LD Jr: Effects of perioperative fluorouracil administration on convalescence and wound healing (editorial comment) 242 (Fe)
Lefor AT, Bredenberg CE, Kellman RM, Aust JC: Multiple malignancies of lung and head and neck, 265 (Mr)
Lekacos NL, Tzardis PJ: Choledochoduodenal fistula due to chronic duodenal ulcer (letter) 492 (Ap)
Leicuk S see Klausner JM
Lennard ES see Dellinger EP
Lerner HL see Wilson RE
Levine BA see Cook AO; Moyer MP
Lifschutz H, Juler GL: Inguinal darn, 717 (Je)
Lim LT see Pasch AR
Linderer RJ see Brazil M
Lineaweaver W, Soucy D, Howard R: Murine neutrophil migration during course of intra-abdominal abscess, 797 (Jy)
Littooy FN see Dennis JW
Lochman A see Gertsch P
LoGerfo FW see Canteimo NL
London N see Neoptolemos JP
Longmire WP Jr: Pioneering Research in Surgical Shock and Cardiovascular Surgery (Book Review) 732 (Je)
Lotze MT, Custer MC, Rosenberg SA: Intraperitoneal administration of interleukin-2 in patients with cancer, 1373 (De)
Loule TJ see Nicolle LE
Loup P-W see Gertsch P
Lowe R see Belkin M
Lozman J, Deno DC, Feustel PJ, Newell JC, Stratton HH, Sedransk N, Dutton R, Fortune JB, Shah DM: Pulmonary and cardiovascular consequences of immediate fixation or conservative management of longbone fractures, 992 (Se)
Lubbers E-JC see van Dongen LM
Lucas CE, Martin DJ, Ledgerwood AM, Hoschner J, McGonigal MD, Kithier K, Sardesai VM: Effect of fresh-frozen plasma resuscitation on cardiopulmonary function and serum protein flux, 559 (My)
Luce JL see Cronenwett JL
Luers PR see Waltman AC
Lui W-Y see Lee C-H
Luna GK, Heimbach DM, Olson H, Henson J: Hospital stay following biliary tract surgery, 693 (Je); correction, 1419 (De)
Lyman B see Pemberton LB
Lyons R see White RA

M

Maben WC see Caruana JA
Machleder HI, Moll F, Verity MA: Anterior scalene muscle in thoracic outlet compression syndrome, 1141 (Oc)
Mackey WC see Eldrup-Jorgensen J; Shepard AD
Magill G see Enker WE
Magovern GJ Jr see Schiegel PN
Maier RV see Carrico CJ
Malangoni MA see Schmitt DD
Malhotra CM see Balko A
Mammen EF see Wilson RF
Mannick JA see Cohen JR; Wood JJ
Margolis JL: Recurrent choledocholithiasis due to hemo-
Margolis JL—Continued
static clip (letter) 1213 (Oc)
Marshall JC see Carrico CJ
Marsicano TH see Vander Salm TJ
Martelo O see Popp MB
Marterre WF Jr, Sugarman HJ: True splenic cyst associated with hypersplenism (letter) 859 (Jy)
Marti J see Morrow M
Martin DJ see Lucas CE
Martin EW Jr see O'Dwyer PJ
Martin JK Jr see Rainwater LM
Mason AD Jr see Shirani KZ
Mason AD Jr, McManus AT, Pruitt BA Jr: Association of burn mortality and bacteremia, 1027 (Se)
Mason GR see Waxman K
Matsuura P see Waxman K
Maxfield CM see Maxfield RG
Maxfield RG: Colonoscopy vs barium enema for evaluation of colon (letter) 1094 (Se)
Maxfield RG, Maxfield CM: Colonoscopy as primary diagnostic procedure in chronic gastrointestinal tract bleeding, 401 (Ap)
McArdle AH, Reid EC, Laplante MP, Freeman CR: Prophylaxis against radiation injury, 879 (Au)
McBride K, La Morte WW, Menzoian JO: Can ventilation-perfusion scans accurately diagnose acute pulmonary embolism? 754 (Jy)
McCabe D, O'Dwyer P, Sickle-Santanello B, Woltering E, Abou-Issa H, James A: Polar solvents in chemoprevention of dimethylbenzanthracene-induced rat mammary cancer, 1455 (De)
McCabe DP see O'Dwyer PJ
McCarthy JD: Strategy for intestinal obstruction of peritoneal carcinomatosis, 1081 (Se)
McCarthy WJ, Rubin JR, Flinn WR, Williams LR, Bergan JJ, Yao JST: Descending thoracic aorta-to-femoral artery bypass, 681 (Je)
McConathy DA see Pearl RK
McConnell DB see Yeager RA
McDowell DE see Savrin RA
McGlin RF see Reed JK
McGonigal MD see Lucas CE
McGowan L: Abdominal incisions and staging in ovarian cancer, 800 (Jy)
McGuire W see Cohen MD
McIlrath DC see Farnell MB
McManus AT see Mason AD Jr; Shirani KZ
McManus WF see Shirani KZ
McNeill PM, Sugerman HJ: Continuous absorbable vs interrupted nonabsorbable fascial closure, 821 (Jy)
Mead PB, Peries SE, Hall P, Vacek PM, Davis JH Jr, Gamelli RL: Decreasing incidence of surgical wound infections, 458 (Ap)
Meakins JL see Carrico CJ; Olak J; Tchervenkov JI
Melamed Y see Gozal D
Memoli VA see Colacchio TA
Mendenhall JT see Kroncke GM
Menzoian JO see Canteimo NL; McBride K
Meriotti G see Pasch AR
Merrell R see Astudillo R
Meyer JP see Pasch AR
Meyers H see Fortier GA
Meyers WC see Proia AD
Micevych PE see Becker JM
Miller C see Dempsey DT
Miller JH see Lally KP
Miller SF see Fiedler MD
Mills AS see Wanebo HJ
Mittelman A see Stulc JP
Modell JH: Who is captain of anesthesia ship? 753 (Jy)
Modlin IM, Schafer DE, Tyshkov M, Ballantyne GH, Fratesi GR, Roberts JR, Zdon MJ: Forskolin (cyclic adenosine monophosphate)-dependent protein phosphorylation in isolated gastric glands, 330 (Mr)
Mohamed G, Reyes HM, Fantus R, Ramilo J, Radhakrishnan J: Computed tomography in assessment of pediatric abdominal trauma, 703 (Je)
Mojziaik CM see O'Dwyer PJ
Moll F see Machleder HI
Moncada R see Dobrin PB
Moomaw CJ see Popp MB
Moon BC, Girotti MJ, Wren SFG, Dawson R, Brar D: Effect of antibiotics and sedatives on normal neutrophil nicotinamide-adenine dinucleotide phosphate-reduced oxidase activity, 73 (Ja)
Moore C, Kuhns JG, Greenberg RA: Thickness as prognostic aid in upper aerodigestive tract cancer, 1410 (De)
Moore FD: General surgical operations in United States (editorial comment) 1148 (Oc)
Moosa AR see Neoptolemos JP
Mora M see Morrow M
Mora R see Lanser ME
Morgan TR, Kogan FJ, Amberg JR, Samplinar RE: Demonstration of free rupture of gallbladder by endoscopic retrograde cholangiography (letter) 1213 (Oc)
Morris JJ III, Hamm DP, Pellom GL, Abd-Elfattah A, Wechsler AS: Right ventricular sensitivity to metabolic injury during cardiopulmonary bypass, 338 (Mr)
Morris JMcL: Abdominal incisions and staging in ovarian cancer (editorial comment) 802 (Jy)
Morrow M, Braverman A, Theimo W, Sohn CK, Sand J, Mora M, Forienza T, Marti J: Multimodal therapy for locally advanced breast cancer, 1291 (No)
Morton DL see Wong JH
Moss G: Discharge within 24 hours of elective cholecystectomy, 1159 (Oc)
Moss R, Kanchanapoon V: Stone basket extraction of

Mosa R, et al—Continued
bronchial foreign body (letter) 975 (Au)
Mostow S: Septic Shock (Book Review) 854 (Jy)
Mower WJ, Hawkins JA, Nelson EW: Neutropenic enterocolitis in adults with acute leukemia, 571 (My)
Moyer MP, Armstrong A, Aust JB, Levine BA, Sirinek KR: Effects of gastrin, glutamine, and somatostatin on in vitro growth of normal and malignant human gastric mucosal cells, 285 (Mr)
Mucha P Jr see Farnell MB
Mueller GL see Wade TP
Mueller PR see Saini S
Muggia-Sullam M see Freund HR
Mukherji B, Ergin MT, Guha A, Tetako RT, Nashed A: Suppressor cell activities in autologous human tumor systems, 1404 (De)
Mullen JL see Dempsey DT; Fried RC
Mullins RJ see Larson GM
Muñoz E, Shamash F, Friedman M, Teicher I, Wise L: Lumpectomy vs mastectomy, 1297 (No)
Munson JL see Deziel DJ
Murphy ES see Yeager RA
Myerowitz PD see Kroncke GM

N

Nabseth DC see Curl GR
Nahrwold DL: Discharge within 24 hours of elective cholecystectomy (editorial comment) 1161 (Oc)
Naito K, Pellis NR, Kahan BD: Continuous intrasplenic interleukin-2 combined with antigen-specific chemoimmunotherapy, 1415 (De)
Najarian JS see Hesse UJ
Nakhgevany KB, Clarke LE: Acute appendicitis in women of childbearing age, 1053 (Se)
Nallathambi MN see Ackerman NB
Nashed A see Mukherji B
Negre J, Teerenhovi O, Autio V: Hepatic coma resulting from diaphragmatic rupture and hepatic herniation, 950 (Au)
Nelson EW see Mower WJ
Nelson RD see Rostein OD
Nelson RM, Benitez PR, Newell MA, Wilson RF: Single-antibiotic use for penetrating abdominal trauma, 153 (Fe)
Nemoto T see Schuh ME
Neoptolemos JP, London N, Slater ND, Carr-Locke DL, Fossard DP, Moosa AR: Prospective study of ERCP and endoscopic sphincterotomy in diagnosis and treatment of gallstone acute pancreatitis, 697 (Je)
Netscher D, Larson GM, Polk HC Jr: Radionuclide esophageal screening transit, 843 (Jy)
Newell JC see Lozman J
Newell MA see Nelson RM
Newman BM, Afshani E, Karp MP, Jewett TC Jr, Cooney DR: Presentation of congenital diaphragmatic hernia past the neonatal period, 813 (Jy)
Nichols RD see Kroncke GM
Nicolle LE, Harding GKM, Louie TJ, Thomson MJ, Blanchard RJ: Cefoxitin plus tobramycin and clindamycin plus tobramycin, 891 (Au)
Noberi M see Sato O
Norris CS see Wertheimer MD
Norris CS, Darrow JM: Hemodynamic indicators of postthrombotic sequelae, 765 (Jy)
Norris CS, Silva WE, Dodson TF, Darrow JM: Shoulder harness traction for roentgenographic assessment of cervical spine, 452 (Ap)
Nugent P, O'Connell TX: Surgeon's role in treating acquired immunodeficiency syndrome, 1117 (Oc)
Nuland SB: Oophoropexy and management of Hodgkin's disease (editorial comment) 1083 (Se)
Numann PJ see Goldman MJ
Nuytinck JKS see Goris RJA
Nuytinck JKS, Goris RJA, Redl H, Schlag G, van Munster PJJ: Posttraumatic complications and inflammatory mediators, 886 (Au)
Nyhus LM: Canine mucosal antrectomy (editorial comment) 830 (Jy)
Nyström P-O see Skau T

O

Oblath RW see Harris RW
O'Connell TX see Nugent P; Odou MW
O'Donnell TF Jr see Shepard AD
O'Donnell TF see Eldrup-Jorgensen J
Odou MW, O'Connell TX: Changes in treatment of rectal carcinoma and effects on local recurrence, 1114 (Oc)
O'Dwyer P see McCabe D
O'Dwyer PJ, Mojzisik CM, Hinkle GH, Rousseau M, Olsen J, Tuttle SE, Barth RF, Thurston MO, McCabe DP, Farrar WB, Martin EW Jr: Intraoperative probe-directed immunodetection using monoclonal antibody, 1391 (De)
Ofek B, Hoffmann J: 'Noninvasive' treatment of esophagogastric anastomotic leakage (letter) 124 (Ja)
Öhman L see Skau T
Okike ON see Vander Salm TJ
Olak J, Christou NV, Stein LA, Casola G, Meakins JL: Operative vs percutaneous drainage of intra-abdominal abscesses, 141 (Fe)
Oliveira A see Barroso FL
Olmedo S see Astudillo R
Olsen J see O'Dwyer PJ
Olson H see Luna GK
O'Mahony JB see Wood JJ
O'Neal B see Bland KI
O'Neal K see Waxman K
Oreskovich MR see Dellinger EP
Orlando R III: Continuous mixed venous oximetry in critically ill surgical patients, 470 (Ap)
Orlow E see Tepper JE
Ornellas-Filho A see Barroso FL
O'Toole K see Ramming KP
Ott DJ, Gelfand DW, Chen YM: Colonoscopy vs barium enema for evaluation of colon (letter) 1094 (Se)

P

Palmer JO see Rifkin RH
Palmeri ST see Ettinghausen SE
Panchacharam P see Ackerman NB
Partridge H see Brown L
Pasch AR see Buchbinder D
Pasch AR, Bishara RA, Schuler JJ, Lim LT, Meyer JP, Merlotti G, Barrett JA, Flanigan DP: Results of venous reconstruction after civilian vascular trauma, 607 (My)
Pass HI see Rizzoni WE
Patel KR see Ackerman NB
Patel N see Chaudhuri PK
Paxton RJ see Duda RB
Pearce W: Diseases of Aorta (Book Review) 856 (Jy)
Pearl RK, McConathy DA: Recommendations to obtain better medical illustrations (letter) 124 (Ja)
Pearlman NW, Stiegmann GV, Annen DJ, Schultz AL, Fink LM: Acid and gastrin levels following pyloric-preserving pancreaticoduodenectomy, 661 (Je)
Pellis NR see Naito K
Pellom GL see Morris JJ III
Pemberton LB, Lyman B, Lander V, Covinsky J: Sepsis from triple- vs single-lumen catheters during total parenteral nutrition in surgical or critically ill patients, 591 (My)
Pempinello C see Davies RJ
Penetrante RB see Schuh ME
P'eng F-K see Lee C-H
Pennell TC see Howe HR Jr
Pequet AJ see Schmitt DD
Percoco M see Basso N
Petras RE see Rustin RB
Petrelli NJ see Stulc JP
Petrilli ES see Potkul RK
Pickleman J, González RP: Improving results of cholecystectomy, 930 (Au)
Pietrafitta JJ, Dwyer RM: Endoscopic laser therapy of malignant esophageal obstruction, 395 (Ap)
Pietsch J see Brown GL
Pilch YH see Davies RJ
Pillari G see Schulman ML
Polk HC Jr see Brown GL; Fry DE; Larson GM; Netscher D
Pomerantz RA see Eckhauser FE
Pomerantz RA, Eckhauser FE, Strodel WE, Knol JA, Turcotte JG: Splenic aneurysm rupture in cirrhotics (letter) 1095 (Se)
Pope T see Wilhelm MC
Popp MB, Hawley D, Reising J, Bongiovanni G, Woesner R, Moomaw CJ, Martelo O, Aron B: Improved survival in squamous esophageal cancer, 1330 (No)
Porter SE see Mead PB
Potkul RK, Delgado G, Petrilli ES, Ysgeric A: Significance of restaging laparotomies with negative outcomes, 1262 (No)
Prinz RA, Shuber Z, Fareed J, Bird T, Sandberg L: Effect of heparin and heparin fractions on experimental abscess formation, 1173 (Oc)
Procacciante F see Basso N
Proia AD, Fetter BF, Woodard BH, Stickel DL, Meyers WC: Fatal pulmonary bile embolism following acute acalculous cholecystitis, 1206 (Oc)
Proppe K see Wilson RE
Prout GR Jr, Bassil B, Griffin P: Treated histories of patients with Ta grade 1 transitional-cell carcinoma of bladder, 1460 (De)
Provisor AJ see Cohen MD
Pruett TL see Rostein OD; Wells CL
Pruitt BA Jr see Mason AD Jr; Shirani KZ
Pruitt BA Jr: Host-opportunist interactions in surgical infection, 13 (Ja)

Q

Quan SH see Enker WE
Quebbeman EA see Adams MB
Quebbeman EJ see Skibba JL

R

Raahave D, Friis-Møller A, Bjerre-Jepsen K, Thiis-Knudsen J, Rasmussen LB: Infective dose of aerobic and anaerobic bacteria in postoperative wound sepsis, 924 (Au)
Radhakrishnan J see Mohamed G
Rainwater LM, Martin JK Jr, Gaffey TA, van Heerden JA: Angiosarcoma of breast, 669 (Je)
Ramberg K see Eldrup-Jorgensen J
Ramilo J see Mohamed G
Ramming KP, O'Toole K: Use of implantable chemoinfusion pump in treatment of hepatic metastases of colorectal cancer, 1440 (De)
Rapien J see Waymack JP
Rasmussen LB see Raahave D
Rath R see Welling RE
Record GT see Savrin RA
Redl H see Nuytinck JKS
Reed JK, McGlin RF, Gorman JF, Thomford NR: Traumatic mesenteric arteriovenous fistula presenting as superior mesenteric artery syndrome, 1209 (Oc)
Rege RV see Rossi JA
Reid EC see McArdle AH
Reilly MK see Jones CS
Reising J see Popp MB
Reyes HM see Mohamed G
Reynes C see Dobrin PB
Ridge JA see Sigurdson ER
Rifkin RH, Blocker SH, Palmer JO, Ternberg JL: Multiple granular cell tumors, 945 (Au)
Riihimaki DU see Duda RB
Rizzoni WE, Pass HI, Wesley MN, Rosenberg SA, Roth JA: Resection of recurrent pulmonary metastases in patients with soft-tissue sarcomas, 1248 (No)
Rob CG: The Ischemic Leg (Book Review) 854 (Jy)
Roberts JR see Modlin IM
Robson MC see Wilson RF
Rodkey GV see Saini S
Rodrick ML see Wood JJ
Rollins DL see Buchbinder D
Rosen CB see Becker JM
Rosen IB, Walfish PG: Pregnancy as predisposing factor in thyroid neoplasia, 1287 (No)
Rosenberg AL see Schwartz GF
Rosenberg SA see Ettinghausen SE; Lotze MT; Rizzoni WE
Rosner D see Schuh ME
Rossi JA, Sollenberger LL, Rege RV, Glenn J, Joshi RJ: External duodenal fistula, 908 (Au)
Rossi RL see Deziel DJ
Rostein OD, Pruett TL, Sorenson JJ, Flegel VD, Nelson RD, Simmons RL: *Bacteroides* by-product inhibits human polymorphonuclear leukocyte function, 82 (Ja)
Roth JA see Rizzoni WE
Rotstein OD see Wells CL
Rousseau M see O'Dwyer PJ
Rozin R see Klausner JM
Rubin JR see McCarthy WJ
Rudolph FB see Kulkarni AD
Russin DJ, Kaplan SR, Goldberg RI, Barkin JS: Neodymium-YAG laser, 1399 (De)
Rustin RB, Broughan TA, Hermann RE, Grundfest-Broniatowski SF, Petras RE, Hart WR: Papillary cystic epithelial neoplasms of pancreas, 1073 (Se)
Rutkow IM: General surgical operations in United States, 1145 (Oc)

S

Sabcya CJ see Barroso FL
Sadowsky NL see Young JO
Saini S, Mueller PR, Wittenberg J, Butch RJ, Rodkey GV, Welch CE: Percutaneous drainage of diverticular abscess, 475 (Ap)
Salem R see Bradley SJ
Salem RR see Bladey R
Salles-Cunha SX see Harris RW
Sampliner RE see Morgan TR
Sanchez J see Astudillo R
Sand J see Morrow M
Sandberg L see Prinz RA
Sarazin WG, Sauter KE: Chylous ascites following resection of ruptured abdominal aneurysm, 246 (Fe)
Sardesai VM see Lucas CE
Sarfeh IJ see Waxman K
Sasaki TM see Yeager RA
Sato O, Tada Y, Sudo K, Ueno A, Noberi M, Idezuki Y: Arteriovenous fistula following central venous catheterization, 729 (Je)
Sauter KE see Sarazin WG
Savrin RA, Record GT, McDowell DE: Axillofemoral bypass, 1016 (Se)
Sax HC see Bower RH
Sax HC, Talamini MA, Fischer JE: Clinical use of branched-chain amino acids in liver disease, sepsis, trauma, and burns 358 (Mr)
Schafer DE see Modlin IM
Schaller R see Helton WS
Schanzer H, Kaplan SR, Bosch J, Glabman S, Burrows L: Double-lumen, silicone rubber, indwelling venous catheters, 229 (Fe)
Scher KS: Left renal vein (letter) 491 (Ap)
Schleider M see Fiddian-Green RG
Schillings PHM see Goris RJA
Schlag G see Nuytinck JKS
Schlegel PN, Magovern GJ Jr, Bulkley GB: Septic thromboarteritis (letter) 974 (Au)
Schmitt DD, Bandyk DF, Pequet AJ, Malangoni MA, Towne JB: Mucin production by *Staphylococcus* epidermidis, 89 (Ja)
Schoetz DJ Jr, Coller JA, Veidenheimer MC: Ileoanal reservoir for ulcerative colitis and familial polyposis, 404 (Ap)
Schuh ME, Nemoto T, Penetrante RB, Rosner D, Dao TL: Intraductal carcinoma, 1303 (No)
Schuler JJ see Buchbinder D; Pasch AR
Schulman ML, Badhey MR, Yatco R, Pillari G: 11-year experience with deep leg veins as femoropopliteal bypass grafts, 1010 (Se)
Schultz AL see Pearlman NW
Schwartz GF, D'Ugo DM, Rosenberg AL: Extent of axillary dissection preceding irradiation for carcinoma of breast, 1395 (De)

Schwartz I: Avoiding gold standard (letter) 973 (Au)
Schwartz RJ see **Jacobs LM**
Schwartz S see **Steiner E**
Schweainger WH see **Hickman MS**
Scott GR see **Shepard AD**
Seabrook GR see **Adams MB**
Sedransk N see **Lozman J**
Seipp CA see **Ettinghausen SE**
Shah DM see **Lozman J**
Shalicross C see **Larson GM**
Shamash F see **Muñoz E**
Shank B see **Enker WE**
Shapiro DM see **Cronenwett JL**
Sharma LK see **Kriplani AK**
Shea JA see **Ellis FH Jr**
Sheedy PF II see **Bertel CK**
Sheibani K see **Duda RB; Kokal WA**
Shemesh E, Bat L: Esophageal perforation after fiberoptic endoscopic injection sclerotherapy for esophageal varices, 243 (Fe)
Shepard AD, Scott GR, Mackey WC, O'Donnell TF Jr, Bush HL, Callow AD: Retroperitoneal approach to high-risk abdominal aortic aneurysms, 444 (Ap)
Shingleton WW see **Lawrence W Jr**
Shirani KZ, McManus AT, Vaughan GM, McManus WF, Pruitt BA Jr, Mason AD Jr: Effects of environment on infection in burn patients, 31 (Ja)
Shirazi SS see **Dayton MT**
Shiu MH see **Collin C**
Shiu MH: Esophagogastrectomy with use of single gastrotomy for pyloromyectomy and insertion of EEA stapler and gastrostomy tube, 961 (Au)
Shively JE see **Duda RB**
Shoemaker WC see **Kram HB**
Shuber Z see **Prinz RA**
Shupak A see **Gozal D**
Sickle-Santanello B see **McCabe D**
Siegel JH see **Lanser ME**
Siegel S see **Lally KP**
Sigurdson ER, Ridge JA, Daly JM: Intra-arterial infusion of doxorubicin with degradable starch microspheres, 1277 (No)
Silva WE see **Norris CS**
Silverman ML see **Daziel DJ**
Simmons RL see **Dunn DL; Hesse UJ; Keller GA; Rostein OD; Wells CL**
Sirinek KR see **Cook AO; Moyer MP**
Sirois R see **Klimberg I**
Skau T, Nyatrom P-O, Ohman L, Stendahl O: Kinetics of peritoneal clearance of *Escherichia coli* and *Bacteroides fragilis* and participating defense mechanisms, 1033 (Se)
Skibba JL, Quebbeman EJ: Tumoricidal effects and patient survival after hyperthermic liver perfusion, 1266 (No)
Slater ND see **Neoptolemos JP**
Slotman GJ see **Williams JJ**
Slotman GJ, Burchard KW, Yellin SA, Williams JJ: Prostaglandin and complement interaction in clinical acute respiratory failure, 271 (Mr)
Smith JA see **Cohen MD**
Smith R: Choice between conservative and radical surgery in cancer of upper abdomen, 391 (Ap)
Smith RB III see **Fulenwider JT**
Smith T see **Goldman MJ**
Snow JR see **Cantelmo NL**
Sohn CK see **Morrow M**
Soliman MH see **Waxman K**
Sollenberger LL see **Rossi JA**
Solomkin JS, Brodt JK, Zemlan FP: Degranulation inhibition, 77 (Ja)
Sorenson JJ see **Rostein OD**
Soucy D see **Lineaweaver W**
Souiller G see **Wilson RF**
Spector ML see **Weinstein ES**
Sprayregen S see **Halmovici H**
Sriram K: Jejunostomy (letter) 1095 (Se)
Stahlgren LH: Atlas of Surgical Techniques of Oliver H. Beahrs (Book Review) 856 (Jy)
Starling JR see **Kroncke GM**
Stearns MW Jr see **Enker WE**
Steele G Jr see **Bleday R; Bradley SJ**
Stein LA see **Olak J**
Stein TP see **Fried RC**
Steinberg SM see **Ettinghausen SE**
Steiner E, Velt P, Gutierrez O, Schwartz S, Chey W: Hepatocellular carcinoma presenting with intractable diarrhea, 849 (Jy)
Stellin G see **Waxman K**
Stendahl O see **Skau T**
Sterling RP see **Kram HB**
Sternberg SS see **Enker WE**
Stickel DL see **Proia AD**
Stiegmann GV see **Pearlman NW**
Stiles GM, Kornen JA, Stiles QR: Suture technique in preventing dehiscence of prosthetic mitral valves, 1136 (Oc)
Stiles QR see **Stiles GM**
Stratton HH see **Lozman J**
Straub JJ see **Belkin M**
Strodel WE see **Eckhauser FE; Pomerantz RA**
Stulc JP, Petrelli NJ, Herrera L, Mittelman A: Anastomotic recurrence of adenocarcinoma of colon, 1077 (Se)
Sudo K see **Sato O**
Sugarman HJ see **Marterre WF Jr; McNeill PM**
Sult H see **Wilson RE**
Susset JG see **Balko A**
Sutherland DER see **Hesse UJ**

T

Tada Y see **Sato O**
Talamini MA see **Bower RH; Hasselgren P-O; Sax HC**
Tatake RT see **Mukherji B**
Tchervenkov JI, Diano E, Meakins JL, Christou NV: Susceptibility to bacterial sepsis, 37 (Ja)
Teerenhovi O see **Negre J**
Teicher I see **Muñoz E**
Teichmann W, Wittmann DH, Andreone PA: Scheduled reoperations (etappenlavage) for diffuse peritonitis, 147 (Fe)
Tepper JE, Cohen AM, Wood WC, Hedberg SE, Orlow E: Intraoperative electron beam radiotherapy in treatment of unresectable rectal cancer, 421 (Ap)
Ternberg JL see **Goldman CD; Rifkin RH**
Ternberg JL: Comparison of staging methods for Hodgkin's disease in children (editorial comment) 1127 (Oc)
Terz JJ see **Duda RB; Kokal WA**
Thelmo W see **Morrow M**
Thiis-Knudsen J see **Raahave D**
Thomford NR see **Read JK**
Thomson MJ see **Nicolle LE**
Thuraton MO see **O'Dwyer PJ**
Tobin GR II see **Bland KI**
Toti F see **Basso N**
Touloukian RJ: Presentation of congenital diaphragmatic hernia past neonatal period (editorial comment) 816 (Jy)
Towne JB see **Bandyk DF; Schmitt DD**
Trachtenberg L see **Fry DE**
Tsou-Hsin C, Han-Lin C: New method for biliary tract reconstruction for primary bile duct stones, 720 (Je)
Turcotte JG see **Eckhauser FE; Pomerantz RA**
Tuttle SE see **O'Dwyer PJ**
Tweddell JS see **Waymack JP**
Tyshkov M see **Modlin IM**
Tzardis PJ see **Lekacos NL**

U

Ueno A see **Sato O**
Uitto J see **White RA**

V

Vacek PM see **Mead PB**
Valeri CR see **Eldrup-Jorgensen J**
van Bebber IPT see **Goris RJA**
van Bemmelen SP, Hoynck van Papendrecht AA, Hodde KC, Klopper PJ: Study of valve incompetence that developed in experimental model of venous hypertension, 1048 (Se)
Van Buren CT see **Kulkarni AD**
van Dongen LM, Lubbers E-JC: Perianal fistulas in patients with Crohn's disease, 1187 (Oc)
van Heerden JA see **Bertel CK; Rainwater LM**
van Munster PJJ see **Nuytinck JKS**
van Ooijen B: Subcutaneous heparin and postoperative wound hematomas, 937 (Au)
Van Stiegmann G: Maingot's Abdominal Operations (Book Review) 732 (Je)
Surgical Endoscopy (Book Review) 857 (Jy)Van Way C: Hyperalimentation (Book Review) 614 (My)
Vander Salm TJ, Okike ON, Marsicano TH, Compton C, Espinoza E: Prevention of postoperative pericardial adhesions, 462 (Ap)
Vaughan GM see **Shirani KZ**
Vaz OP see **Barroso FL**
Veldenheimer MC see **Schoetz DJ Jr**
Velt P see **Steiner E**
Verity MA see **Machleder HI**
Vetto RM see **Yeager RA**
Viahos WG see **Duda RB**

W

Wade TP, Mueller GL: Vancomycin and 'red-neck' syndrome (letter) 859 (Jy)
Wagman LD see **Duda RB**
Walzer A see **Ziv Y**
Wajsman Z see **Klimberg I**
Walfish PG see **Rosen IB**
Walker E see **Bradley SJ**
Waltman AC, Luers PR, Athanasoulis CA, Warshaw AL: Massive arterial hemorrhage in patients with pancreatitis, 439 (Ap)
Wanebo HJ see **Fortier GA; Wilhelm MC**
Wanebo HJ, Fang WL, Millis AS, Zfass AM: Colorectal cancer, 1347 (No)
Warren WD see **Fulenwider JT**
Warshaw AL see **Waltman AC**
Watters JM, Bessey PQ, Dinarello CA, Wolff SM, Wilmore DW: Both inflammatory and endocrine mediators stimulate host responses to sepsis, 179 (Fe)
Waxman K, Edrich L, O'Neal K, Formosa P, Stellin G, Sarfeh IJ, Mason GR: Description of continent jejunal gastrostomy, 1121 (Oc)
Waxman K, Soliman MH, Braunstein P, Formosa P, Cohen AJ, Mateuura P, Mason GR: Diagnosis of traumatic cardiac contusion, 689 (Je)
Waymack JP, Rapien J, Garnett D, Tweddell JS, Alexander JW: Effect of transfusion on immune function in traumatized animal model, 50 (Ja)
Wechsler AS see **Morris JJ III**
Weesner R see **Popp MB**
Westman RM see **Cohen MD**
Weidema WF see **Goller DA**
Weigel RM see **Yeager RA**
Weiner LJ see **Bland KI**
Weinstein ES, Spector ML, Adams EM, Yokum MD, Humphrey RW, Fry DE: Mitochondrial and myocardial performance, 324 (Mr)
Weiss MJ see **Bleday R**
Welch CE see **Saini S**
Welling RE, Rath R, Albers JE, Glaser RS: Gastrointestinal complications after cardiac surgery, 1178 (Oc)
Wells CL, Rotstein OD, Pruett TL, Simmons RL: Intestinal bacteria translocate into experimental intra-abdominal abscesses, 102 (Ja)
Werner JL see **Duda RB**
Wertheimer MD, Norris CS: Surgical management of necrotizing pancreatitis, 484 (Ap)
Wertz MJ see **Dellinger EP**
Wesley MN see **Rizzoni WE**
West KW see **Cohen MD; Grosfeld JL**
West MA see **Keller GA**
Westdahl PR see **Kelly PT**
Whalen DA Jr see **Caruana JA**
Wheeler HB see **Fiddian-Green RG**
Wheelock FC Jr see **Bartlett FF**
White DE see **Ettinghausen SE**
White FKH see **Baron PL**
White RA, Abergel RP, Klein SR, Kopchok G, Dwyer RM, Uitto J: Laser welding of venotomies, 905 (Au)
White RA, Kopchok G, Donayre C, Abergel RP, Lyons R, Klein SR, Dwyer RM, Uitto J: Comparison of laser-welded and sutured arteriotomies, 1133 (Oc)
Whittemore AD see **Cohen JR**
Wilhelm MC, de Paredes ES, Pope T, Wanebo HJ: Changing mammogram, 1311 (No)
Williams DM see **Eckhauser FE**
Williams JJ see **Slotman GJ**
Williams JJ, Yellin S., Slotman GJ: Leukocyte aggregation response to quantitative plasma levels to C3a and C5a, 305 (Mr)
Williams LE see **Duda RB**
Williams LR see **McCarthy WJ**
Williams SE see **Ackerman NB**
Wilmore DW see **Watters JM**
Wilson RE see **Bleday R; Lawrence W Jr**
Wilson RE, Wood WC, Lerner HL, Antman K, Anato D, Corson JM, Proppe K, Harmon D, Carey R, Greenberger J, Sult H: Doxorubicin chemotherapy in treatment of soft-tissue sarcoma, 1354 (No)
Wilson RF see **Nelson RM**
Wilson RF, Mammen EF, Robson MC, Heggers JP, Souiller G, DePoli PA: Antithrombin, prekallikrein, and fibronectin levels in surgical patients, 635 (Je)
Wincze JP see **Balko A**
Winterton J see **Deitch EA**
Wise L see **Muñoz E**
Wittenberg J see **Saini S**
Wittmann DH see **Teichmann W**
Wolff SM see **Watters JM**
Wolloch Y see **Ziv Y**
Woltering E see **McCabe D**
Wong JH, Gupta RK, Morton DL: Serial determinations of melanoma tumor-associated antigen and antibody in patients with stage I melanoma, 1342 (No)
Wood JJ, O'Mahony JB, Rodrick ML, Eaton R, Demling RH, Mannick JA: Abnormalities of antibody production after thermal injury, 108 (Ja)
Wood WC see **Tepper JE; Wilson RE**
Woodard BH see **Proia AD**
Woodward ER: Clinical aspect of retained gastric antrum (editorial comment) 1186 (Oc)
Worthington-Self S see **Farnell MB**
Worthley LIG: Intravenous hydrochloric acid in patients with metabolic alkalosis and hypercapnia, 1195 (Oc)
Wren SFG see **Moon BC**
Wright HK: Perianal fistulas in patients with Crohn's disease (editorial comment) 1190 (Oc)

Y

Yagoric A see **Potkul RK**
Yao JST see **McCarthy WJ**
Yarbrough DR III: Intra-abdominal injury in handlebar hernia (letter) 491 (Ap)
Yatco R see **Schulman ML**
Yeager RA, Weigel RM, Murphy ES, McConnell DB, Sasaki TM, Vetto RM: Application of clinically valid cardiac risk factors to aortic aneurysm surgery, 278 (Mr)
Yellin SA see **Slotman GJ; Williams JJ**
Yokum MD see **Weinstein ES**
Young JO, Sadowsky NL, Young JW, Herman L: Mammography of women with suspicious breast lumps, 807 (Jy)
Young JW see **Young JO**
Yurt RW see **Jones WG**

Z

Zapata-Sirvent R, Hansbrough JF, Bartle EJ: Prevention of posttraumatic alterations in lymphocyte subpopulations in mice by immunomodulating drugs, 116 (Ja)
Zarins CK see **Graham AM**
Zaveruha PA see **Helton WS**
Zdon MJ see **Modlon IM**
Zemlan FP see **Solomkin JS**
Zfass AM see **Wanebo HJ**
Ziser A see **Gozal D**
Ziv Y, Walzer A, Wolloch Y, Dintsman M: Pitfalls in preoperative diagnosis of endometriosis (letter) 367 (Mr)
Zonszein J see **Garat PH**

SUBJECT INDEX TO VOLUME 121

The following Index is an alphabetical list of significant subjects presented in this volume. Books reviewed are listed alphabetically by first author under the heading "BOOK REVIEWS." Editorial Comments appear under that heading.

A

Abdomen
abdominal incisions and staging in ovarian cancer [McGowan] 800 (Jy)
changing patterns in vascular form of Ehlers-Danlos Syndrome [Gertsch] 1061 (Se)
chronic contained rupture of abdominal aortic aneurysms [Jones] 542 (My)
chylous ascites following resection of ruptured abdominal aneuryam, treatment with peritoneovenous shunt [Sarazin] 246 (Fe)
closure of abdominal incisions with subcutaneous catheters, prospective randomized trial [Farnell] 641 (Je)
degranulation inhibition, potential mechanism for control of neutrophil superoxide production in sepsis [Solomkin] 77 (Ja)
effect of indomethacin on muscle and liver protein synthesis and on whole-body protein degradation during abdominal sepsis in rat [Freund] 1154 (Oc)
effects of perioperative fluorouracil administration on convalescence and wound healing [Klausner] 239 (Fe)
intra-abdominal surgery in patients with advanced cirrhosis [Aranha] 275 (Mr)
left renal vein (letter) [Scher] 491 (Ap)
management of bile duct cysts in adults [Deziel] 410 (Ap)
operative vs percutaneous drainage of intra-abdominal abscesses, comparison of morbidity and mortality [Olak] 141 (Fe)
peritoneoscopy in extrahepatic abdominal diseases [Kriplani] 818 (Jy)
radiologic diagnosis of intra-abdominal abscess, do multiple tests help? [Dobrin] 41 (Ja)
regional brain amino acid and neurotransmitter derangements during abdominal sepsis and septic encephalopathy in rat, effect of amino acid infusions [Freund] 209 (Fe)
retroperitoneal approach to high-risk abdominal aortic aneurysms [Shepard] 444 (Ap)
scheduled reoperations (etappenlavage) for diffuse peritonitis [Teichmann] 147 (Fe)
ventral herniorrhaphy aided by pneumoperitoneum [Astudillo] 935 (Au)

Abdominal Injuries
computed tomography in assessment of pediatric abdominal trauma [Mohamed] 703 (Je)
correlation of response time and results of abdominal gunshot wounds [Fiedler] 902 (Au)
results of venous reconstruction after civilian vascular trauma [Pasch] 607 (My)
single-antibiotic use for penetrating abdominal trauma [Nelson] 153 (Fe)

Abdominal Neoplasms
choice between conservative and radical surgery in cancer in upper abdomen [Smith] 391 (Ap)

Abdominal Wall
defects, use of absorbable mesh to repair contaminated [Dayton] 954 (Au)
description of continent jejunal gastrostomy [Waxman] 1121 (Oc)
intra-abdominal injury in handlebar hernia (letter) [Yarbrough] 491 (Ap)
jejunostomy, indicated procedure? (letters) [Andrassy, Sriram] 1095 (Se)
jejunostomy, rarely indicated procedure [Adams] 236 (Fe)
strategy for intestinal obstruction of peritoneal carcinomatosis [McCarthy] 1081 (Se)

Abnormalities
presentation of congenital diaphragmatic hernia past neonatal period [Newman] 813 (Jy)

Abscess
formation secondary to bacteria trapped in fibrin clots, antibiotics fail to prevent [Hau] 163 (Fe)
intra-abdominal, operative vs percutaneous drainage of, comparison of morbidity and mortality [Olak] 141 (Fe)
splenic fungal, diagnosis and treatment of, in immunesuppressed patient [Helton] 580 (My)

Academic Medical Centers
surgical oncology in university departments of surgery in United States [Lawrence] 1088 (Se)

Acetylmuramyl-Alanyl-Isoglutamine
muramyl dipeptide enhances survival from experimental peritonitis [Brown] 47 (Ja)

Acetyltransferases
role of aromatic amine, in human colorectal cancer [Lang] 1259 (No)

Achalasia, Esophageal see Esophageal Achalasia

Acquired Immunodeficiency Syndrome
intraoperative autotransfusion in urologic oncology [Klimberg] 1326 (No)
potential development of tetanus in wounded patients with, tetanus toxoid and tetanus immune globulin (letter) [Furste] 367 (Mr)
surgeon's role in treating [Nugent] 1117 (Oc)

Activated Coagulation Time, Whole Blood see Blood Coagulation Tests

Activated Partial Thromboplastin Time see Partial Thromboplastin Time

Acute Disease
intraoperative streptokinase, adjunct to mechanical thrombectomy in management of acute ischemia [Cohen] 708 (Je)
prospective study of ERCP and endoscopic sphincterotomy in diagnosis and treatment of gallstone acute pancreatitis, rational and safe approach to management [Neoptolemos] 697 (Je)

Adenine
influence of dietary nucleotide restriction on bacterial sepsis and phagocytic cell function in mice [Kulkarni] 169 (Fe)

Adenine Nucleotides
right ventricular sensitivity to metabolic injury during cardiopulmonary bypass [Morris] 338 (Mr)

Adenocarcinoma
changes in treatment of rectal carcinoma and effects on local recurrence [Odou] 1114 (Oc)
effects of gastrin, glutamine, and somatostatin on in vitro growth of normal and malignant human gastric mucosal cells [Moyer] 285 (Mr)
endoscopic laser therapy of malignant esophageal obstruction [Pietrafitta] 395 (Ap)
energy expenditure in malnourished patients with colorectal cancer [Dempsey] 789 (Jy)
gastric, evaluation of, abdominal computed tomography does not replace celiotomy [Cook] 603 (My)
imaging of human colorectal, with indium-labeled anti-carcinoembryonic antigen monoclonal antibody [Duda] 1315 (No)
of colon, anastomotic recurrence of [Stule] 1077 (Se)
preoperative radiation therapy for rectal cancer, effective therapy in need of clinical trial [Fortier] 1380 (De)

Adenoma
changing mammogram, primary indication for needle localization biopsy [Wilhelm] 1311 (No)
pregnancy as predisposing factor in thyroid neoplasia [Rosen] 1287 (No)

Adenosine Diphosphate
right ventricular sensitivity to metabolic injury during cardio- pulmonary bypass [Morris] 338 (Mr)

Adenosine Monophosphate
cyclic, forskolin-dependent protein phosphorylation in isolated gastric glands [Modlin] 330 (Mr)

Adenosine Triphosphate
right ventricular sensitivity to metabolic injury during cardio- pulmonary bypass [Morris] 338 (Mr)

Adjuvants, Immunologic
muramyl dipeptide enhances survival from experimental peritonitis [Brown] 47 (Ja)
pancreatic cancer, adjuvant combined radiation and chemotherapy following curative resection [Kalser] 120: 899; correction, 121:1045 (Se)

Adjuvants, Pharmaceutic
how effective is adjuvant cancer chemotherapy? Lucy Wortham James Clinical Research Award [James] 1233 (No)

Adnexitis
acute appendicitis in women of childbearing age [Nakhgevany] 1053 (Se)

Adrenergic Beta Receptor Blockaders
β-adrenergic blockade increases hepatic extraction of glucose in sepsis [Caruana] 319 (Mr)
long-acting β-adrenergic antagonists as preparation for surgery in thyrotoxicosis [Gerst] 838 (Jy)

Adriamycin see Doxorubicin

Adult Respiratory Distress Syndrome see Respiratory Distress Syndrome, Adult

Aerobic Bacteria see Bacteria, Aerobic

Agarose see Sepharose

Age Factors
decreasing incidence of surgical wound infections, validation of surveillance-notification program [Mead] 458 (Ap)
effects of environment on infection in burn patients [Shirani] 31 (Ja)
improved survival in epidermoid carcinoma of anus in association with preoperative multidisciplinary therapy [Enker] 1386 (De)
localized, operable soft tissue sarcoma of lower extremity [Collin] 1425 (De)

Agranulocytosis
diagnosis and treatment of splenic fungal abscesses in immune- suppressed patient [Helton] 580 (My)
neutropenic enterocolitis in adults with acute leukemia [Mower] 571 (My)

AIDS see Acquired Immunodeficiency Syndrome

Albumins
effect of fresh-frozen plasma resuscitation on cardiopulmonary function and serum protein flux [Lucas] 559 (My)

Alcoholism
intra-abdominal surgery in patients with advanced cirrhosis [Aranha] 275 (Mr)

Alkalosis
ectothermic philosophy of acid-base balance to prevent fibrillation during hypothermia [Kroncke] 303 (Mr)

Alkalosis—Continued
metabolic, and hypercapnia, intravenous hydrochloric acid in patients with [Worthley] 1195 (Oc)

Allograft see Transplantation, Homologous

Alprostadil
effect of prolonged intra-arterial prostaglandin E1 infusion on canine arterial graft patency [Cronenwett] 760 (Jy)

Aluminum Hydroxide
antacid vs sucralfate in preventing acute gastrointestinal tract bleeding in abdominal aortic surgery, randomized trial in 50 patients [Borrero] 810 (Jy)

American Board of Medical Specialties
surgical critical care [Griffen] 991 (Se)

American Board of Surgery
surgical critical care [Griffen] 991 (Se)

American College of Surgeons
role of surgical oncologist in community hospital, presidential address before annual meeting of Society of Surgical Oncology [Dembrow] 1231 (No)
southern California chapter, annual meeting, Coronado, Calif, Jan 19, 1985, papers read before, 905-907, 914-917 (Au)
southern California chapter, annual meeting, Palm Springs, Calif, Jan 17-19, 1986, papers read before, 1114-1144 (Oc)

American Medical Association
MEDIS, new strategic option for acquiring medical information— electronically [Harris] 1113 (Oc)

Aminas
role of aromatic, acetyltransferase in human colorectal cancer [Lang] 1259 (No)

Amino Acids
protein metabolism in different types of skeletal muscle during early and late sepsis in rats [Hasselgren] 918 (Au)
regional brain, and neurotransmitter derangements during abdominal sepsis and septic encephalopathy in rat, effect of amino acid infusions [Freund] 209 (Fe)

Amino Acids, Branched-Chain
clinical use of, in liver disease, sepsis, trauma, and burns [Sax] 358 (Mr)

Aminoglycosides
cefoxitin plus tobramycin and clindamycin plus tobramycin, prospective randomized comparison in therapy of mixed aerobic/anaerobic infections [Nicolle] 891 (Au)

Ampicillin
antibiotics fail to prevent abscess formation secondary to bacteria trapped in fibrin clots [Hau] 163 (Fe)

Amputation
anastomatic pseudoaneurysms, continuing late complications of vascular reconstructive procedures [Dennis] 314 (Mr)
axillofemoral bypass, expectations and results [Savrin] 1016 (Se)
successful vein bypass in patients with ischemic limb and palpable popliteal pulse [Cantelmo] 217 (Fe)
totally autogenous venovenous composite bypass grafts, salvage of almost irretrievable extremity [Harris] 1128 (Oc)

Anaerobic Bacteria see Bacteria, Anaerobic

Anemia
paraesophageal hiatus hernia [Ellis] 416 (Ap)

Anesthesia
ship, who is captain of? [Modell] 753 (Jy)

Aneuploidy
effects of parenteral nutrition on cell cycle kinetics of head and neck cancer [Baron] 1282 (No)
tumor DNA content in primary and metastatic colorectal carcinoma [Kokal] 1434 (De)

Aneurysm
anastomotic pseudoaneurysms, continuing late complications of vascular reconstructive procedures [Dennis] 314 (Mr)
application of clinically valid cardiac risk factors to aortic aneurysm surgery [Yeager] 278 (Mr)
ruptured abdominal, chylous ascites following resection of, treatment with peritoneovenous shunt [Sarazin] 246 (Fe)
splenic, rupture in cirrhotics (letter) [Pomerantz] 1095 (Se)

Angiography
arteriovenous fistula following central venous catheterization [Sato] 729 (Je)
bifurcation of cervical internal carotid artery (letter) [Brown] 367 (Mr)
can ventilation-perfusion scans accurately diagnose acute pulmonary embolism? [McBride] 754 (Jy)
congenital micro-arteriovenous shunts, angiographic and Doppler ultrasonographic identification [Halmovici] 1065 (Se)
11-year experience with deep leg veins as femoropopliteal bypass grafts [Schulman] 1010 (Se)
hepatocellular carcinoma presenting with intractable diarrhea, radiologic-pathologic correlation [Steiner] 849 (Jy)
intra-arterial fibrinolytic therapy, efficacy of streptokinase vs urokinase [Belkin] 769 (Jy)
intraoperative assessment of in situ saphenous vein

Angiography—Continued
arterial grafts using pulsed Doppler spectral analysis [Bandyk] 292 (Mr)
isolated splenic vein [Glynn] 723 (Je)
massive arterial hemorrhage in patients with pancreatitis, complementary roles of surgery and transcatheter occlusive techniques [Waltman] 439 (Ap)
predicting cerebral ischemia during carotid endarterectomy [Graham] 525 (My)
retroperitoneal approach to high-risk abdominal aortic aneurysms [Shepard] 444 (Ap)
study of valve incompetence that developed in experimental model of venous hypertension [van Bemmelen] 1048 (Se)
true splenic cyst associated with hypersplenism (letter) [Marterre] 859 (Jy)
Angioma see Hemangioma
Angiomatosis
congenital micro-arteriovenous shunts, angiographic and Doppler ultrasonographic identification [Haimovici] 1065 (Se)
Angioplasty, Balloon see Angioplasty, Transluminal
Angioplasty, Transluminal
aortic reconstruction vs extra-anatomic bypass and angioplasty, thoughts on evolving protocol for selection [Bunt] 1166 (Oc)
early variceal rebleeding after successful distal splenorenal shunt [Eckhauser] 547 (My)
Angiosarcoma see Hemangiosarcoma
Animal Rights see Animal Welfare
Animal Welfare
host-opportunist interactions in surgical infection, presidential address before 5th annual meeting of Surgical Infection Society [Pruitt] 13 (Ja)
Anoxemia
continuous mixed venous oximetry in critically ill surgical patients, 'high-tech' cost-effectiveness [Orlando] 470 (Ap)
Anoxia
intravenous hydrochloric acid in patients with metabolic alkalosis and hypercapnia [Worthley] 1195 (Oc)
oxygen as antibiotic, comparison of effects of inspired oxygen concentration and antibiotic administration on in vivo bacterial clearance [Knighton] 191 (Fe)
Antacids
sucralfate vs, in preventing acute gastrointestinal tract bleeding in abdominal aortic surgery, randomized trial in 50 patients [Borrero] 810 (Jy)
Antibiotics
closure of abdominal incisions with subcutaneous catheters, prospective randomized trial [Farnell] 641 (Je)
effects of environment on infection in burn patients [Shirani] 31 (Ja)
efficacy of short-course antibiotic prophylaxis after penetrating intestinal injury, prospective randomized trial [Dellinger] 23 (Ja)
enterococcal burn sepsis, highly lethal complication in severely burned patients [Jones] 649 (Je)
oxygen as, comparison of effects of inspired oxygen concentration and antibiotic administration on in vivo bacterial clearance [Knighton] 191 (Fe)
sedatives and, effect of, on normal neutrophil nicotinamide-adenine dinucleotide phosphate-reduced oxidase activity [Moon] 73 (Ja)
Antibodies, Monoclonal
biologic control of cancer, James Ewing lecture [Baker] 1237 (No)
increased expression of epidermal growth factor receptor on human colon carcinoma cells [Bradley] 1242 (No)
indium-labeled anticarcinoembryonic antigen, imaging of human colorectal adenocarcinoma with [Duda] 1315 (No)
intraoperative probe-directed immunodetection using [O'Dwyer] 1391 (De)
Antibodies, Neoplasm
serial determinations of melanoma tumor-associated antigen and antibody in patients with stage I melanoma [Wong] 1342 (No)
Antibody Enzyme Technic, Unlabeled see Immunoenzyme Technics
Antibody-Producing Cells
abnormalities of antibody production after thermal injury, association with reduced interleukin 2 production [Wood] 108 (Ja)
Anticoagulants
fate of left-sided cardiac bioprosthesis valves in children [Kopf] 488 (Ap)
Antigen-Antibody Complex
immunotherapy of gram-negative bacterial sepsis, single murine
monoclonal antibody provides cross-genera protection [Dunn] 58 (Ja)
Antigen-Antibody Reactions
acetylcholinesterase and manometry in diagnosis of constipated child [Ikawa] 435 (Ap)
multiple granular cell tumors, familial occurrence in children [Rifkin] 945 (Au)
Antigens
continuous intrasplenic interleukin-2 combined with antigen-specific chemoimmunotherapy [Naito] 1415 (De)
Antigens, Immune Response
prevention of posttraumatic alterations in lymphocyte subpopulations in mice by immunomodulating drugs [Zapata-Sirvent] 116 (Ja)
Antigens, Neoplasm
serial determinations of melanoma tumor-associated antigen and antibody in patients with stage I melanoma [Wong] 1342 (No)
Antilymphocyte Antibodies see Antilymphocyte Serum
Antilymphocyte Globulin see Antilymphocyte Serum
Antilymphocyte Serum
pulmonary infections, Minnesota randomized prospective trial of cyclosporine vs azathioprine-antilymphocyte globulin for immunosuppression in renal allograft recipients [Hesse] 1056 (Se)
Antineoplastic Agents
effects of perioperative fluorouracil administration on convalescence and wound healing [Klausner] 239 (Fe)
Antithrombins
prekallikrein, fibronectin, and, levels in surgical patients [Wilson] 635 (Je)
Antrum, Pyloric see Pyloric Antrum
Anus Neoplasms
improved survival in epidermoid carcinoma of anus in association with preoperative multidisciplinary therapy [Enker] 1386 (De)
Aorta
aortic reconstruction for occlusive disease, comparable results in diabetic [Bartlett] 1150 (Oc)
aortic reconstruction vs extra-anatomic bypass and angioplasty, thoughts on evolving protocol for selection [Bunt] 1166 (Oc)
application of clinically valid cardiac risk factors to aortic aneurysm surgery [Yeager] 278 (Mr)
Aorta, Abdominal
surgery, antacid vs sucralfate in preventing acute gastrointestinal tract bleeding in, randomized trial in 50 patients [Borrero] 810 (Jy)
Aorta, Descending see Aorta, Thoracic
Aorta, Thoracic
descending thoracic aorta-to-femoral artery bypass [McCarthy] 681 (Je)
Ogilvie's syndrome following traumatic rupture of (letter) [Evans] 615 (My)
Aortic Aneurysm
abdominal, chronic contained rupture of [Jones] 542 (My)
abdominal, high-risk, retroperitoneal approach to [Shepard] 444 (Ap)
changing patterns in vascular form of Ehlers-Danlos Syndrome [Gertsch] 1061 (Se)
left renal vein (letter) [Scher] 491 (Ap)
Aortic Arch see Aorta, Thoracic
Aortocoronary Bypass
gastrointestinal complications after cardiac surgery [Welling] 1178 (Oc)
Appendicitis
acute, in women of childbearing age [Nakhgevany] 1053 (Se)
ARCHIVES OF SURGERY
November 1984-October 1985, consultants for, 123 (Ja)
Argon
comparison of laser-welded and sutured arteriotomies [White] 1133 (Oc)
Arm
totally autogenous venovenous composite bypass grafts, salvage of almost irretrievable extremity [Harris] 1128 (Oc)
Arrhythmia
diagnosis of traumatic cardiac contusion [Waxman] 689 (Je)
Arterial Obstructive Diseases see Arterial Occlusive Diseases
Arterial Occlusive Diseases
aortic reconstruction for occlusive disease, comparable results in diabetics [Bartlett] 1150 (Oc)
intra-arterial fibrinolytic therapy, efficacy of streptokinase vs urokinase [Belkin] 769 (Jy)
intraoperative streptokinase, adjunct to mechanical thrombectomy in management of acute ischemia [Cohen] 708 (Je)
successful vein bypass in patients with ischemic limb and palpable popliteal pulse [Cantelmo] 217 (Fe)
Arteries
massive arterial hemorrhage in patients with pancreatitis, complementary roles of surgery and transcatheter occlusive techniques [Waltman] 439 (Ap)
Arteriography see Angiography
Arteriosclerosis, Coronary see Coronary Disease
Arteriovenous Fistula
following central venous catheterization [Sato] 729 (Je)
intraoperative assessment of in situ saphenous vein arterial grafts using pulsed Doppler spectral analysis [Bandyk] 292 (Mr)
study of valve imcompetence that developed in experimental model of venous hypertension [van Bemmelen] 1048 (Se)
traumatic mesenteric, presenting as superior mesenteric artery syndrome [Reed] 1209 (Oc)
Arteriovenous Shunt, Surgical
congenital micro-arteriovenous shunts, angiographic and Doppler ultrasonographic identification [Haimovici] 1065 (Se)
superior temporary shunt for management of vascular trauma of extremity (letter) [Howe] 1212 (Oc)
Arteritis
septic thromboarteritis (letter) [Schlegel] 974 (Au)
Arylamine Acetyltransferases see Acetyltransferases
Ascites
chylous, following resection of ruptured abdominal aneurysm, treatment with peritoneovenous shunt [Sarazin] 246 (Fe)
intra-abdominal surgery in patients with advanced cirrhosis [Aranha] 275 (Mr)
radiologic diagnosis of intra-abdominal abscess, do multiple tests help? [Dobrin] 41 (Ja)
Ascites Shunt, Peritoneovenous see Peritoneovenous Shunt
Ascitic Fluid
vasoactive properties of, in acute pancreatitis in porcine model [Innes] 665 (Je)
Ascorbic Acid
chemoprevention of colorectal neoplasms, β-carotene and [Colacchio] 1421 (De)
Aspiration Biopsy see Biopsy, Needle
Aspirin
antiplatelet therapy and vascular grafts, studies in baboon ex vivo shunt [Eldrup-Jorgensen] 778 (Jy)
Association of Veterans Administration Surgeons
9th annual surgical symposium, Tampa, Fla, May 8-11, 1985, papers read before, 265-351 (Mr)
Atelectasis, Congestive see Respiratory Distress Syndrome, Adult
Autograft see Transplantation, Autologous
Autopsy
fatal pulmonary bile embolism following acute acalculous cholecystitis [Proia] 1206 (Oc)
tumoricidal effects and patient survival after hyperthermic liver perfusion [Skibba] 1266 (No)
Autotransfusion see Blood Transfusion, Autologous
Autotransplant see Transplantation, Autologous
Axilla
anterior scalene muscle in thoracic outlet compression syndrome, histochemical and morphometric studies [Machleder] 1141 (Oc)
extent of axillary dissection preceding irradiation for carcinoma of breast [Schwartz] 1395 (De)
Azathioprine
pulmonary infections, Minnesota randomized prospective trial of cyclosporine vs azathioprine-antilymphocyte globulin for immunosuppression in renal allograft recipients [Hesse] 1056 (Se)

B

Bacteremia see Septicemia
Bacteria
trapped in fibrin clots, antibiotics fail to prevent abscess formation secondary to [Hau] 163 (Fe)
Bacteria, Aerobic
anaerobic and, infective dose of, in postoperative wound sepsis [Raahave] 924 (Au)
cefoxitin plus tobramycin and clindamycin plus tobramycin, prospective randomized comparison in therapy of mixed aerobic/anaerobic infections [Nicolle] 891 (Au)
Bacteria, Anaerobic
aerobic and, infective doses of, in postoperative wound sepsis [Raahave] 924 (Au)
cefoxitin plus tobramycin and clindamycin plus tobramycin, prospective randomized comparison in therapy of mixed aerobic/anaerobic infections [Nicolle] 891 (Au)
Bacterial Infections
development of safe and effective 1-minute preoperative skin preparation (letter) [Alexander] 615, (reply) [Condon] 616 (My)
mucin production by *Staphylococcus epidermidis*, virulence factor promoting adherence to vascular grafts [Schmitt] 89 (Ja)
thermal injury promotes bacterial translocation from gastrointestinal tract in mice with impaired T-cell-mediated immunity [Deitch] 97 (Ja)
Bacteroides fragilis
antibiotics fail to prevent abscess formation secondary to bacteria trapped in fibrin clots [Hau] 163 (Fe)
cefoxitin plus tobramycin and clindamycin plus tobramycin, prospective randomized comparison in therapy of mixed aerobic/anaerobic infections [Nicolle] 891 (Au)
kinetics of peritoneal clearance of *Escherichia coli* and participating defense mechanisms and [Skau] 1033 (Se)
Bacteroides Infections
by-product inhibits human polymorphonuclear leukocyte function [Rotstein] 82 (Ja)
intestinal bacteria translocate into experimental intra-abdominal abscesses [Wells] 102 (Ja)
Balloon Angioplasty see Angioplasty, Transluminal
Barium Sulfate
colonoscopy after curative resection of colorectal cancer [Larson] 535 (My)
colonoscopy as primary diagnostic procedure in chronic gastrointestinal tract bleeding [Maxfield] 401 (Ap)
colonoscopy vs barium enema for evaluation of colon (letter) [Ott] (reply) [Maxfield] 1094 (Se)
Barotrauma
management of experimental pneumothorax in weanling rabbits with use of fibrin glue sclerosant [Goldman] 565 (My)
Basedow's Disease see Goiter, Exophthalmic
Benzopyrans
acetylcholinesterase and manometry in diagnosis of constipated child [Ikawa] 435 (Ap)
Beta Adrenergic Receptor Blockaders see Adrenergic Beta Receptor Blockaders
Bicarbonates
intravenous hydrochloric acid in patients with metabolic alkalosis and hypercapnia [Worthley] 1195 (Oc)
Bile Acids and Salts
computed tomographic analysis of gallstones, in vitro study [Hickman] 289 (Mr)
Bile Duct Diseases
management of bile duct cysts in adults [Deziel] 410 (Ap)
Bile Ducts, Intrahepatic
fatal pulmonary bile embolism following acute acalculous

Bile Ducts, Intrahepatic—Continued
cholecystitis [Proia] 1206 (Oc)
Biliary Calculi see Cholelithiasis
Biliary Calculi, Common Bile Duct see Common Bile Duct Calculi
Biliary Fistula
choledochoduodenal fistula due to chronic duodenal ulcer (letter) [Lekacos] 492 (Ap)
Biliary Tract see also Cholangiography
demonstration of free rupture of gallbladder by endoscopic retrograde cholangiography (letter) [Morgan] 1213 (Oc)
improving results of cholecystectomy [Pickleman] 930 (Au)
prospective study of ERCP and endoscopic sphincterotomy in diagnosis and treatment of gallstone acute pancreatitis, rational and safe approach to management [Neoptolemos] 697 (Je)
segmental hepatic resection utilizing ultrasonic dissector [Andrus] 515 (My)
surgery, hospital stay following, comparison of 2 community hospitals [Luna] 693 (Je); correction, 1419 (De)
Biliary Tract Diseases see also Cholangiography
new method for biliary tract reconstruction for primary bile duct stones [Tsou-Hsin] 720 (Je)
treatment of pyogenic hepatic abscesses, surgical vs percutaneous drainage [Bertel] 554 (My)
Biliary Tract Neoplasms
management of bile duct cysts in adults [Deziel] 410 (Ap)
Bioenergetics see Energy Metabolism
Bioprosthesis
fate of left-sided cardiac, valves in children [Kopf] 488 (Ap)
Biopsy
acetylcholinesterase and manometry in diagnosis of constipated child [Ikawa] 435 (Ap)
diagnosis and treatment of splenic fungal abscesses in immune- suppressed patient [Helton] 580 (My)
mammography of women with suspicious breast lumps [Young] 807 (Jy)
pitfalls in preoperative diagnosis of endometriosis (letter) [Ziv] 367 (Mr)
tumoricidal effects and patient survival after hyperthermic liver perfusion [Skibba] 1266 (No)
Biopsy, Needle
changing mammogram, primary indication for needle localization biopsy [Wilhelm] 1311 (No)
percutaneous drainage of diverticular abscess, adjunct to surgical therapy [Saini] 475 (Ap)
pregnancy as predisposing factor in thyroid neoplasia [Rosen] 1287 (No)
Blacks
multiple granular cell tumors, familial occurrence in children [Rifkin] 945 (Au)
Bladder Neoplasms
prophylaxis against radiation injury, use of elemental diet prior to and during radiotherapy for invasive bladder cancer and in early postoperative feeding following radical cystectomy and ileal conduit [McArdle] 879 (Au)
role of aromatic amine acetyltransferase in human colorectal cancer [Lang] 1259 (No)
treated histories of patients with Ta grade 1 transitional-cell carcinoma of bladder [Prout] 1460 (De)
Blood
association of burn mortality and bacteremia, 25-year review [Mason] 1027 (Se)
colorectal cancer, blueprint for disease control through screening by primary care physicians [Wanebo] 1247 (Nu)
Blood Banks
effect of fresh-frozen plasma resuscitation on cardiopulmonary function and serum protein flux [Lucas] 559 (My)
intraoperative autotransfusion in urologic oncology (Klimberg] 1326 (No)
Blood Cell Count
effect of transfusion on immune function in traumatized animal model [Waymack] 50 (Ja)
Blood Cell Number see Blood Cell Count
Blood Circulation
ectothermic philosophy of acid-base balance to prevent fibrillation during hypothermia [Kroncke] 303 (Mr)
Blood Coagulation
antibiotics fail to prevent abscess formation secondary to bacteria trapped in fibrin clots [Hau] 163 (Fe)
Blood Coagulation Tests
effect of fresh-frozen plasma resuscitation on cardiopulmonary function and serum protein flux [Lucas] 559 (My)
intraoperative streptokinase, adjunct to mechanical thrombectomy in management of acute ischemia [Cohen] 708 (Je)
Blood Coagulation Time, Whole see Blood Coagulation Tests
Blood Flow Velocity
hemodynamic indicators of postthrombotic sequelae [Norris] 765 (Jy)
Blood Gas Analysis
prostaglandin and complement interaction in clinical acute respiratory failure [Slotman] 271 (Mr)
Blood Plasma see Plasma
Blood Platelet Count see Platelet Count
Blood Platelet Number see Platelet Count
Blood Platelets
antiplatelet therapy and vascular grafts, studies in baboon ex vivo shunt [Eldrup-Jorgensen] 778 (Jy)
Blood Pressure, Venous see Venous Pressure
Blood Transfusion
muramyl dipeptide enhances survival from experimental peritonitis [Brown] 47 (Ja)
Blood Transfusion, Autologous
intraoperative autotransfusion in urologic oncology [Klimberg] 1326 (No)
Blood Vessels
vasoactive properties of ascitic fluid in acute pancreatitis in porcine model [Innes] 665 (Je)
Blunt Injuries see Wounds, Nonpenetrating
Body Temperature
ectothermic philosophy of acid-base balance to prevent fibrillation during hypothermia [Kroncke] 303 (Mr)
Body Weight
polar solvents in chemoprevention of dimethylbenzathracene-induced rat mammary cancer [McCabe] 1455 (De)
Bone and Bones
protein metabolism in different types of skeletal muscle during early and late sepsis in rats [Hasselgren] 918 (Au)
pulmonary and cardiovascular consequences of immediate fixation or conservative management of long-bone fractures [Lozman] 992 (Se)
Bone Neoplasms
efficacy of magnetic resonance imaging in 139 children with tumors [Cohen] 522 (My)
BOOK REVIEWS
Arciniegas E ed: Pediatric Cardiac Surgery, 856 (Jy)
Beahrs OH, Kiernan PD, Hubert JD Jr: Atlas of Surgical Techniques of Oliver H. Beahrs, 856 (Jy)
Bell P, Tilney N, eds: Vascular Surgery, 614 (My)
Bergan JJ, Yao JST eds: Reoperative Arterial Surgery, 858 (Jy)
Brooks BF, ed: Malignant Tumors of Childhood, 1214 (Oc)
Brown WH III, Brown WH: Issues and Answers in Vascular Surgery, 1214 (Oc)
Crawford ES, Crawford JL: Diseases of Aorta: Atlas of Angiographic Pathology and Surgical Technique, 856 (Jy)
Cuschieri A, Hennessy TPJ eds: Current Operative Surgery—General Surgery, 855 (Jy)
Cuschieri A, Skinner DB eds: Reconstructive Surgery of Gastrointestinal Tract, 855 (Jy)
Dent TL, Strodel WE, Turcott JG, Harper ML eds: Surgical Endoscopy, 857 (Jy)
Hermann RE ed: Review of Common Surgical Problems, 855 (Jy)
Hoffer EP, Barnett GO: CPR Training by Computer, 857 (Jy)
Kaminski M Jr, ed: Hyperalimentation, 614 (My)
Kempczinski RF ed: Ischemic Leg, 854 (Jy)
Levine JS: Decision Making in Gastroenterology, 732 (Je)
Moody FG, Carey LC, Jones RS, et al, eds: Surgical Treatment of Digestive Disease, 976 (Au)
Root RK, Sande MA eds: Septic Shock, 854 (Jy)
Russell LB: Is Prevention Better Than Cure? 614 (My)
Schwartz SI, Ellis H, eds: Maingot's Abdominal Operations, ed 8, 732 (Je)
Shapiro BA, Harrison RA, Kacmarek RM, Cane RD eds: Clinical Applications of Respiratory Care, ed 3, 854 (Jy)
Silvis SE ed: Therapeutic Gastrointestinal Endoscopy, 858 (Jy)
Taylor TV: Surgical Gastroenterology, 976 (Au)
Thomas VT: Pioneering Research in Surgical Shock and Cardiovascular Surgery, 732 (Je)
Waldhausen JA, Pierce WS eds: Johnson's Surgery of Chest, ed 5, 858 (Jy)
Brachial Plexus
anterior scalene muscle in thoracic outlet compression syndrome, histochemical and morphometric studies [Machleder] 1141 (Oc)
Brain Diseases
regional brain amino acid and neurotransmitter derangements during abdominal sepsis and septic encephalopathy in rat, effect of amino acid infusions [Freund] 209 (Fe)
Breast
intraductal carcinoma, analysis of presentation, pathologic findings, and outcome of disease [Schuh] 1303 (No)
Breast Neoplasms
angiosarcoma of breast [Rainwater] 669 (Je)
breast cancer risk analysis (letter) [Kelly] 973 (Au)
changing mammogram, primary indication for needle localization biopsy [Wilhelm] 1311 (No)
extent of axillary dissection preceding irradiation for carcinoma of breast [Schwartz] 1395 (De)
how effective is adjuvant cancer chemotherapy? Lucy Wortham James Clinical Research Award [James] 1233 (No)
lumpectomy vs mastectomy, costs of breast preservation for cancer [Muñoz] 1297 (No)
mammography of women with suspicious breast lumps [Young] 807 (Jy)
metastasis to choroid of eye from carcinoma of breast (letter) [Goldman] 973 (Au)
modulation of estrogen receptor by insulin and its biologic significance [Chaudhuri] 1322 (No)
multimodal therapy for locally advanced breast cancer [Morrow] 1291 (No)
one-stage simple mastectomy with immediate reconstruction for high-risk patients, improved technique: biologic basis for ductal-glandular mastectomy [Bland] 221 (Fe)
potential development of tetanus in wounded patients with AIDS, tetanus toxoid and tetanus immune globulin (letter) [Furste] 367 (Mr)
Breast Neoplasms—Continued
prospective study of cardiomyopathy induced by adjuvant doxorubicin therapy in patients with soft-tissue sarcomas [Ettinghausen] 1445 (De)
Bronchi
stone basket extraction of bronchial foreign body (letter) [Moss] 975 (Au)
Bronchial Neoplasms
multiple malignancies of lung and head and neck, second primary tumor or metastasis? [Lefor] 265 (Mr)
Bucrylate
massive arterial hemorrhage in patients with pancreatitis, complementary roles of surgery and transcatheter occlusive techniques [Waltman] 439 (Ap)
Burn Units see Intensive Care Units
Burns
abnormalities of antibody production after thermal injury, association with reduced interleukin 2 production [Wood] 108 (Ja)
association of burn mortality and bacteremia, 25-year review [Mason] 1027 (Se)
clinical use of branched-chain amino acids in liver disease, sepsis, trauma, and [Sax] 356 (Mr)
effect of transfusion on immune function in traumatized animal model [Waymack] 50 (Ja)
effects of environment on infection in burn patients [Shirani] 31 (Ja)
nutrition and infection, new perspectives for old problem [Alexander] 966 (Au)
sepsis, enterococcal, highly lethal complication in severely burned patients [Jones] 649 (Je)
susceptibility to bacterial sepsis, accurate measurement by delayed-type hypersensitivity skin test score [Tchervenkov] 37 (Ja)
thermal injury promotes bacterial translocation from gastrointestinal tract in mice with impaired T-cell-mediated immunity [Deitch] 97 (Ja)

C

Cachexia
energy expenditure in malnourished patients with colorectal cancer [Dempsey] 739 (Jy)
Calcium
parathyroid hormone assay, unreliable and overused [Broughan] 841 (Jy)
CALENDAR OF EVENTS
368 (Mr), 492 (Ap), 616 (My), 736 (Je), 860 (Jy), 976 (Au) 1096 (Se), 1214 (Oc)
Cancer Genes see Oncogenes
Cancer Staging see Neoplasm Staging
Candida
diagnosis and treatment of splenic fungal abscesses in immune- suppressed patient [Helton] 580 (My)
Cannulation see Catheterization
Carbon Dioxide see also Hypercapnia
laser welding of venotomies [White] 905 (Au)
Carcinogens
colonic epithelial impedance analysis in murine model of large-bowel cancer [Davies] 1253 (No)
Carcinoma, Ductal
intraductal carcinoma, analysis of presentation, pathologic findings, and outcome of disease [Schuh] 1303 (No)
Carcinoma, Epidermoid see Carcinoma, Squamous Cell
Carcinoma, In Situ
intraductal carcinoma, analysis of presentation, pathologic findings, and outcome of disease [Schuh] 1303 (No)
Carcinoma, Squamous Cell
effects of parenteral nutrition on cell cycle kinetics of head and neck cancer [Baron] 1282 (No)
endoscopic laser therapy of malignant esophageal obstruction [Pietrafitta] 395 (Ap)
improved survival in epidermoid carcinoma of anus in association with preoperative multidisciplinary therapy [Enker] 1386 (De)
improved survival in squamous esophageal cancer, preoperative chemotherapy and radiation [Popp] 1330 (No)
Carcinoma, Transitional Cell
Ta grade 1, of bladder, treated histories of patients with [Prout] 1460 (De)
Cardiac Arrest see Heart Arrest
Cardiomyopathy, Restrictive
prospective study of cardiomyopathy induced by adjuvant doxorubicin therapy in patients with soft-tissue sarcomas [Ettinghausen] 1445 (De)
Cardiopulmonary Arrest see Heart Arrest
Cardiopulmonary Bypass
mitochondrial and myocardial performance, response to ischemia and reperfusion [Weinstein] 324 (Mr)
right ventricular sensitivity to metabolic injury during cardio- pulmonary bypass [Morris] 338 (Mr)
Cardiopulmonary Resuscitation see Resuscitation
Cardiovascular System
continuous mixed venous oximetry in critically ill surgical patients, 'high-tech' cost-effectiveness [Orlando] 470 (Ap)
effects of perioperative fluorouracil administration on convalescence and wound healing [Klausner] 239 (Fe)
multiple-organ-failure syndrome [Carrico] 196 (Fe)
Carotene
chemoprevention of colorectal neoplasms, ascorbic acid and β-carotene [Colacchio] 1421 (De)
Carotid Arteries
comparison of laser-welded and sutured arteriotomies [White] 1133 (Oc)

Carotid Arteries—Continued
noninvasive conjunctival oxygen monitoring during carotid endarterectomy [Kram] 914 (Au)
Carotid Artery Diseases
predicting cerebral ischemia during carotid endarterectomy [Graham] 595 (My)
Carotid Artery, Internal
cervical, bifurcation of (letter) [Brown] 367 (Mr)
Case Mix see Diagnostic Related Groups
Casts, Surgical
pulmonary and cardiovascular consequences of immediate fixation or conservative management of long-bone fractures [Lozman] 992 (Se)
Catgut see Sutures
Catheterization
central venous, arteriovenous fistula following [Sato] 729 (Je)
closure of abdominal incisions with subcutaneous catheters, prospective randomized trial [Farnell] 641 (Je)
effect of prolonged intra-arterial prostaglandin E_1 infusion on canine arterial graft patency [Cronenwett] 760 (Jy)
intraperitoneal administration of interleukin-2 in patients with cancer [Lotze] 1373 (De)
knotty problem with feeding jejunostomy tube (letter) [Butsch] 736 (Je)
postoperative enteral vs parenteral nutrition, randomized controlled trial [Bower] 1040 (Se)
sepsis from triple- vs single-lumen catheters during total parenteral nutrition in surgical or critically ill patients [Pemberton] 591 (My)
septic thromboarteritis (letter) [Schlegel] 974 (Au)
Catheterization, Heart see Heart Catheterization
Catheters, Indwelling
venous, double-lumen, silicone rubber, new modality for angioaccess [Schanzer] 229 (Fe)
Caustics
sclerosing cholangitis, complication of surgical treatment of hydatid disease of liver [Belghiti] 1162 (Oc)
Cavia see Guinea Pigs
Cecal Diseases
muramyl dipeptide enhances survival from experimental peritonitis [Brown] 47 (Ja)
thermal injury promotes bacterial translocation from gastrointestinal tract in mice with impaired T-cell-mediated immunity [Deitch] 97 (Ja)
Cecum
alterations in exogenous substrate metabolism in sepsis [Fried] 173 (Fe)
murine neutrophil migration during course of intra-abdominal abscess [Lineaweaver] 797 (Jy)
Cefamandole
effect of antibiotics and sedatives on normal neutrophil nicotinamide-adenine dinucleotide phosphate-reduced oxidase activity [Moon] 73 (Ja)
Cefoxitin
antibiotics fail to prevent abscess formation secondary to bacteria trapped in fibrin clots [Hau] 163 (Fe)
tobramycin plus, and clindamycin plus tobramycin, prospective randomized comparison in therapy of mixed aerobic/anaerobic infections [Nicolle] 891 (Au)
Cell Count
intraperitoneal administration of interleukin-2 in patients with cancer [Lotze] 1373 (De)
Cell Cycle
kinetics of head and neck cancer, effects of parenteral nutrition on [Baron] 1282 (No)
Cells, Cultured
association of burn mortality and bacteremia, 25-year review [Mason] 1027 (Se)
Central Nervous System
multiple-organ-failure syndrome [Carrico] 196 (Fe)
Central Venous Pressure
arteriovenous fistula following central venous catheterization [Sato] 729 (Je)
Cerebral Ischemia
predicting, during carotid endarterectomy [Graham] 595 (My)
Certification
lost sheep, presidential address before annual meeting of New England Surgical Society [Braasch] 385 (Ap)
surgical critical care [Griffen] 991 (Se)
Cervical Rib Syndrome see Thoracic Outlet Syndrome
Cervical Vertebrae
shoulder harness traction for roentgenographic assessment of cervical spine [Norris] 452 (Ap)
Chemistry, Organic
forskolin (cyclic adenosine monophosphate)-dependent protein phosphorylation in isolated gastric glands [Modlin] 330 (Mr)
Chemotactic Peptide see N-Formylmethionine Leucyl-Phenylalanine
Chemotaxis
bacteroides by-product inhibits human polymorphonuclear leukocyte function [Rotstein] 82 (Ja)
Chemotherapy see Drug Therapy
Chenodeoxycholate see Chenodeoxycholic Acid
Chenodeoxycholic Acid
computed tomographic analysis of gallstones, in vitro study [Hickman] 289 (Mr)
Child
presentation of congenital diaphragmatic hernia past neonatal period [Newman] 813 (Jy)
Cholangiography
caustic sclerosing cholangitis, complication of surgical treatment of hydatid disease of liver [Belghiti] 1162 (Oc)
Cholangiography—Continued
endoscopic retrograde, demonstration of free rupture of gallbladder by (letter) [Morgan] 1213 (Oc)
peritoneoscopy in extrahepatic abdominal diseases [Kripiani] 818 (Jy)
Cholangiopancreatography, Endoscopic Retrograde
prospective study of ERCP and endoscopic sphincterotomy in diagnosis and treatment of gallstone acute pancreatitis, rational and safe approach to management [Neoptolemos] 697 (Je)
Cholangitis
caustic sclerosing, complication of surgical treatment of hydatid disease of liver [Belghiti] 1162 (Oc)
management of bile duct cysts in adults [Deziel] 410 (Ap)
new method for biliary tract reconstruction for primary bile duct stones [Tsou-Hsin] 720 (Je)
use of implantable chemoinfusion pump in treatment of hepatic metastases of colorectal cancer [Ramming] 1440 (De)
Cholecystectomy
computed tomographic analysis of gallstones, in vitro study [Hickman] 289 (Mr)
elective, discharge within 24 hours of, first 100 patients [Moss] 1159 (Oc)
improving results of [Pickleman] 930 (Au)
total, by diagnosis related group [Lagoe] 1006 (Se)
Cholecystitis
acute acalculous, fatal pulmonary bile embolism following [Proia] 1206 (Oc)
β-adrenergic blockade increases hepatic extraction of glucose in sepsis [Caruana] 319 (Mr)
choledochoduodenal fistula due to chronic duodenal ulcer (letter) [Lekacos] 492 (Ap)
demonstration of free rupture of gallbladder by endoscopic retrograde cholangiography (letter) [Morgan] 1213 (Oc)
external duodenal fistula, causes, complications, and treatment [Rossi] 908 (Au)
improving results of cholecystectomy [Pickleman] 930 (Au)
Choledocholithiasis see Common Bile Duct Calculi
Cholelithiasis
choledochoduodenal fistula due to chronic duodenal ulcer (letter) [Lekacos] 492 (Ap)
computed tomographic analysis of gallstones, in vitro study [Hickman] 289 (Mr)
improving results of cholecystectomy [Pickleman] 930 (Au)
prospective study of ERCP and endoscopic sphincterotomy in diagnosis and treatment of gallstone acute pancreatitis, rational and safe approach to management [Neoptolemos] 697 (Je)
Cholelithiasis, Common Bile Duct see Common Bile Duct Calculi
Cholinesterases
acetylcholinesterase and manometry in diagnosis of constipated child [Ikawa] 435 (Ap)
Choroid
of eye, metastasis to, from carcinoma of breast (letter) [Goldman] 973 (Au)
Chromatography, High Pressure Liquid
role of aromatic amine acetyltransferase in human colorectal cancer [Lang] 1259 (No)
Chromium
suppressor cell activities in autologous human tumor systems, suppression of tumor immunity [Mukherji] 1404 (De)
Cicatrix
peritoneoscopy in extrahepatic abdominal diseases [Kripiani] 818 (Jy)
Cimetidine
clinical aspect of retained gastric antrum [Lee] 1181 (Oc)
Cirrhosis, Liver see Liver Cirrhosis
Cisplatin
improved survival in squamous esophageal cancer, preoperative chemotherapy and radiation [Popp] 1330 (No)
Classification
colorectal cancer, blueprint for disease control through screening by primary care physicians [Wanebo] 1347 (No)
role of surgical oncologist in community hospital, presidential address before annual meeting of Society of Surgical Oncology [Dembrow] 1231 (No)
thickness as prognostic aid in upper aerodigestive tract cancer [Moore] 1410 (De)
Clindamycin
antibiotics fail to prevent abscess formation secondary to bacteria trapped in fibrin clots [Hau] 163 (Fe)
degranulation inhibition, potential mechanism for control of neutrophil superoxide production in sepsis [Solomkin] 77 (Ja)
effect of antibiotics and sedatives on normal neutrophil nicotinamide-adenine dinucleotide phosphate-reduced oxidase activity [Moon] 73 (Ja)
single-antibiotic use for penetrating abdominal trauma [Nelson] 153 (Fe)
tobramycin plus, and cefoxitin plus tobramycin, prospective randomized comparison in therapy of mixed aerobic/anaerobic infections [Nicolle] 891 (Au)
Clinical Competence
lost sheep, presidential address before annual meeting of New England Surgical Society [Braasch] 385 (Ap)
Clinical Skills see Clinical Competence
Clinical Trials
biologic control of cancer, James Ewing lecture [Baker] 1237 (No)
doxorubicin chemotherapy in treatment of soft-tissue sarcoma, combined results of 2 randomized trials [Wilson] 1354 (No)
Clinical Trials—Continued
how effective is adjuvant cancer chemotherapy? Lucy Wortham James Clinical Research Award [James] 1233 (No)
preoperative radiation therapy for rectal cancer, effective therapy in need of [Fortier] 1380 (De)
Clone Cells
suppressor cell activities in autologous human tumor systems, suppression of tumor immunity [Mukherji] 1404 (De)
Coagulants
effect of heparin and heparin fractions on experimental abscess formation [Prinz] 1173 (Oc)
Coagulation Time, Whole Blood see Blood Coagulation Tests
Coccidia
surgeon's role in treating acquired immunodeficiency syndrome [Nugent] 1117 (Oc)
Colectomy
generalized juvenile familial polyposis coli, clinical management based on long-term observations [Grosfeld] 530 (My)
ileoanal reservoir for ulcerative colitis and familial polyposis [Schoetz] 404 (Ap)
Colic
new method for biliary tract reconstruction for primary bile duct stones [Tsou-Hsin] 720 (Je)
Colitis
prediction of development of sigmoid ischemia on day of aortic operations, indirect measurements of intramural pH in colon [Fiddian-Green] 654 (Je)
Colitis, Ulcerative
ileoanal reservoir for familial polyposis and [Schoetz] 404 (Ap)
Collagen
changing patterns in vascular form of Ehlers-Danlos Syndrome [Gertsch] 1061 (Se)
comparison of laser-welded and sutured arteriotomies [White] 1133 (Oc)
suture technique in preventing dehiscence of prosthetic mitral valves [Stiles] 1136 (Oc)
Collateral Circulation
anastomotic recurrence of adenocarcinoma of colon [Stulc] 1077 (Se)
Colon
efficacy of short-course antibiotic prophylaxis after penetrating intestinal injury, prospective randomized trial [Dellinger] 23 (Ja)
intra-abdominal surgery in patients with advanced cirrhosis [Aranha] 276 (Mr)
single-antibiotic use for penetrating abdominal trauma [Nelson] 153 (Fe)
Colonic Diseases
changing patterns in vascular form of Ehlers-Danlos Syndrome [Gertsch] 1061 (Se)
Ogilvie's syndrome following traumatic rupture of thoracic aorta (letter) [Evans] 615 (My)
Colonic Neoplasms
anastomotic recurrence of adenocarcinoma of colon [Stulc] 1077 (Se)
chemoprevention of colorectal neoplasms, ascorbic acid and β-carotene [Colacchio] 1421 (De)
colonoscopy after curative resection of colorectal cancer [Larson] 535 (My)
colonoscopy as primary diagnostic procedure in chronic gastrointestinal tract bleeding [Maxfield] 401 (Ap)
colonoscopy vs barium enema for evaluation of colon (letter) [Ott] (reply) [Maxfield] 1094 (Se)
colorectal cancer, blueprint for disease control through screening by primary care physicians [Wanebo] 1347 (No)
energy expenditure in malnourished patients with colorectal cancer [Dempsey] 789 (Jy)
ileoanal reservoir for ulcerative colitis and familial polyposis [Schoetz] 404 (Ap)
imaging of human colorectal adenocarcinoma with indium-labeled anticarcinoembryonic antigen monoclonal antibody [Duda] 1315 (No)
increased expression of epidermal growth factor receptor on human colon carcinoma cells [Bradley] 1242 (No)
inhibition of rat colon tumor isograft growth with dequalinium chloride [Bleday] 1272 (No)
intraperitoneal administration of interleukin-2 in patients with cancer [Lotze] 1373 (De)
neodymium-YAG laser, new palliative tool in treatment of colorectal cancer [Russin] 1399 (De)
role of aromatic amine acetyltransferase in human colorectal cancer [Lang] 1259 (No)
transmural electrical potential difference as early marker in colon cancer [Goller] 345 (Mr)
tumor DNA content in primary and metastatic colorectal carcinoma [Kokal] 1434 (De)
tumoricidal effects and patient survival after hyperthermic liver perfusion [Skibba] 1266 (No)
use of implantable chemoinfusion pump in treatment of hepatic metastases of colorectal cancer [Ramming] 1440 (De)
Colonic Polyps
generalized juvenile familial polyposis coli, clinical management based on long-term observations [Grosfeld] 530 (My)
ileoanal reservoir for ulcerative colitis and familial polyposis [Schoetz] 404 (Ap)
Colonoscopy
after curative resection of colorectal cancer [Larson] 535 (My)
as primary diagnostic procedure in chronic gastroin-

Colonoscopy—Continued
testinal tract bleeding [Maxfield] 401 (Ap)
barium enema vs, for evaluation of colon (letter) [Ott] (reply) [Maxfield] 1094 (Se)
colorectal cancer, blueprint for disease control through screening by primary care physicians [Wanebo] 1347 (No)
Coma
hepatic, resulting from diaphragmatic rupture and hepatic herniation [Negre] 950 (Au)
Combination Chemotherapy see Drug Therapy, Combination
Common Bile Duct Calculi
hospital stay following biliary tract surgery, comparison of 2 community hospitals [Luna] 693 (Je); correction, 1419 (De)
recurrent choledocholithiasis due to hemostatic clip (letter) [Margolis] 1213 (Oc)
Communicable Diseases
host-opportunist interactions in surgical infection, presidential address before 5th annual meeting of Surgical Infection Society [Pruitt] 13 (Ja)
Competence, Clinical see Clinical Competence
Complement
posttraumatic complications and inflammatory mediators [Nuytinck] 886 (Au)
Computer Programs see Computers
Computers
MEDIS, new strategic option for acquiring medical information—electronically [Harris] 1113 (Oc)
Congenital Defects see Abnormalities
Constipation
acetylcholinesterase and manometry in diagnosis of constipated child [Ikawa] 435 (Ap)
Consultants
for ARCHIVES OF SURGERY, November 1984-October 1985, 123 (Ja)
Contrast Media
computed tomography in assessment of pediatric abdominal trauma [Mohamed] 708 (Je)
Contusions
traumatic cardiac, diagnosis of [Waxman] 689 (Je)
Coronary Artery Bypass see Aortocoronary Bypass
Coronary Disease
application of clinically valid cardiac risk factors to aortic aneurysm surgery [Yeager] 278 (Mr)
intraoperative streptokinase, adjunct to mechanical thrombectomy in management of acute ischemia [Cohen] 708 (Je)
mitochondrial and myocardial performance, response to ischemia and reperfusion [Weinstein] 324 (Mr)
Cost Benefit Analysis
continuous mixed venous oximetry in critically ill surgical patients, 'high-tech' cost-effectiveness [Orlando] 470 (Ap)
Cost Control
discharge within 24 hours of elective cholecystectomy, first 100 patients [Moss] 1159 (Oc)
Costs and Cost Analysis
host-opportunist interactions in surgical infection, presidential address before 5th annual meeting of Surgical Infection Society [Pruitt] 13 (Ja)
impact of prospective reimbursement on trauma centers, alternative payment plan [Jacobs] 479 (Ap)
lumpectomy vs mastectomy, costs of breast preservation for cancer [Muñoz] 1297 (No)
percutaneous drainage of diverticular abscess, adjunct to surgical therapy [Saini] 475 (Ap)
Creatinine
aseptic hip necrosis after renal transplantation [Brazil] 803 (Jy)
Crohn Disease
ileoanal reservoir for ulcerative colitis and familial polyposis [Schoetz] 404 (Ap)
perianal fistulas in patients with [van Dongen] 1187 (Oc)
Cross Infection
effects of environment on infection in burn patients [Shirani] 31 (Ja)
thermal injury promotes bacterial translocation from gastrointestinal tract in mice with impaired T-cell-mediated immunity [Deitch] 97 (Ja)
Cross Reactions
immunotherapy of gram-negative bacterial sepsis, single murine monoclonal antibody provides cross-generic protection [Dunn] 58 (Ja)
Cryptosporidium see Coccidia
Cyclooxygenase see Prostaglandin Synthase
Cyclophosphamide
multimodal therapy for locally advanced breast cancer [Morrow] 1291 (No)
ovarian carcinoma, significance of restaging laparotomies with negative outcomes [Potkul] 1262 (No)
Cyclosporine
pulmonary infections, Minnesota randomized prospective trial of cyclosporine vs azathioprine-antilymphocyte globulin for immunosuppression in renal allograft recipients [Hesse] 1056 (Se)
Cystadenocarcinoma
papillary cystic epithelial neoplasms of pancreas, clinical study of 4 cases [Rustin] 1073 (Se)
Cysts
bile duct, management of, in adults [Deziel] 410 (Ap)
true splenic, associated with hypersplenism (letter) [Marterre] 859 (Jy)
Cytochrome C
effect of antibiotics and sedatives on normal neutrophil nicotinamide-adenine dinucleotide phosphate-reduced oxidase activity [Moon] 78 (Ja)
Cytochrome C—Continued
trauma serum suppresses superoxide production by normal neutrophils [Lanser] 157 (Fe)
Cytokinetics see Cell Cycle
Cytology
treated histories of patients with Ta grade 1 transitional-cell carcinoma of bladder [Prout] 1460 (De)
Cytometry, Flow see Flow Cytometry
Cytotoxins
diagnosis and treatment of splenic fungal abscesses in immune-suppressed patient [Helton] 580 (My)

D

Data Banks see Information Systems
Data Collection
decreasing incidence of surgical wound infections, validation of surveillance-notification program [Mead] 458 (Ap)
general surgical operations in United States, 1979 to 1984 [Rutkow] 1145 (Oc)
pancreatic cancer, adjuvant combined radiation and chemotherapy following curative resection [Kaiser] 120: 899; correction, 121:1045 (Se)
Data Systems see Information Systems
Debridement
superior temporary shunt for management of vascular trauma of extremity (letter) [Howe] 1212 (Oc)
surgical management of necrotizing pancreatitis [Wertheimer] 484 (Ap)
Decision Making
breast cancer risk analysis (letter) [Kelly] 973 (Au)
continuous mixed venous oximetry in critically ill surgical patients, 'high-tech' cost-effectiveness [Orlando] 470 (Ap)
lumpectomy vs mastectomy, costs of breast preservation for cancer [Muñoz] 1297 (No)
predicting cerebral ischemia during carotid endarterectomy [Graham] 595 (My)
who is captain of anesthesia ship? [Modell] 753 (Jy)
Dequalinium see Quinolinium Compounds
Dexamethasone
macrophage-mediated modulation of hepatocyte protein synthesis, effect of [Keller] 1199 (Oc)
Diabetes Mellitus
aortic reconstruction for occlusive disease, comparable results in diabetics [Bartlett] 1150 (Oc)
improving results of cholecystectomy [Pickleman] 930 (Au)
modulation of estrogen receptor by insulin and its biologic significance [Chaudhuri] 1322 (No)
Diagnosis
abdominal incisions and staging in ovarian cancer [McGowan] 800 (Jy)
acetylcholinesterase and manometry in diagnosis of constipated child [Ikawa] 435 (Ap)
acute appendicitis in women of childbearing age [Nakhgevany] 1053 (Se)
and treatment of splenic fungal abscesses in immune-suppressed patient [Helton] 580 (My)
application of clinically valid cardiac risk factors to aortic aneurysm surgery [Yeager] 278 (Mr)
can ventilation-perfusion scans accurately diagnose acute pulmonary embolism? [McBride] 754 (Jy)
colonoscopy as primary diagnostic procedure in chronic gastrointestinal tract bleeding [Maxfield] 401 (Ap)
colonoscopy vs barium enema for evaluation of colon (letter) [Ott] (reply) [Maxfield] 1094 (Se)
colorectal cancer, blueprint for disease control through screening by primary care physicians [Wanebo] 1347 (No)
computed tomography in assessment of pediatric abdominal trauma [Mohamed] 708 (Je)
efficacy of magnetic resonance imaging in 139 children with tumors [Cohen] 522 (My)
evaluation of gastric adenocarcinoma, abdominal computed tomography does not replace celiotomy [Cook] 603 (My)
mammography of women with suspicious breast lumps [Young] 807 (Jy)
parathyroid hormone assay, unreliable and overused [Broughan] 841 (Jy)
percutaneous drainage of diverticular abscess, adjunct to surgical therapy [Saini] 475 (Ap)
peritoneoscopy in extrahepatic abdominal diseases [Kriplani] 818 (Jy)
predicting cerebral ischemia during carotid endarterectomy [Graham] 595 (My)
prediction of development of sigmoid ischemia on day of aortic operations, indirect measurements of intramural pH in colon [Fiddian-Green] 654 (Je)
radiologic, of intra-abdominal abscess, do multiple tests help? [Dobrin] 41 (Ja)
surgeon's role in treating acquired immunodeficiency syndrome [Nugent] 1117 (Oc)
transmural electrical potential difference as early marker in colon cancer [Goller] 845 (Mr)
Diagnosis, Differential
papillary cystic epithelial neoplasms of pancreas, clinical study of 4 cases [Rustin] 1073 (Se)
pitfalls in preoperative diagnosis of endometriosis (letter) [Ziv] 367 (Mr)
Diagnostic Errors
angiosarcoma of breast [Rainwater] 669 (Je)
type III error [Condon] 877 (Au)
Diagnostic Related Groups
impact of prospective reimbursement on trauma centers, alternative payment plan [Jacobs] 479 (Ap)
Diagnostic Related Groups—Continued
lumpectomy vs mastectomy, costs of breast preservation for cancer [Muñoz] 1297 (No)
total cholecystectomy utilization by [Lagoe] 1006 (Se)
Diaphragmatic Hernia see Hernia, Diaphragmatic
Diarrhea
intractable, hepatocellular carcinoma presenting with, radiologic-pathologic correlation [Steiner] 849 (Jy)
prediction of development of sigmoid ischemia on day of aortic operations, indirect measurements of intramural pH in colon [Fiddian-Green] 654 (Je)
Diazepam
effect of antibiotics and sedatives on normal neutrophil nicotinamide-adenine dinucleotide phosphate-reduced oxidase activity [Moon] 78 (Ja)
Diet
nutrition and infection, new perspectives for old problem [Alexander] 966 (Au)
Diet, Elemental see Food, Formulated
Digestive System Neoplasms
thickness as prognostic aid in upper aerodigestive tract cancer [Moore] 1410 (De)
9,10-Dimethyl-1,2-Benzanthracene
polar solvents in chemoprevention of dimethylbenzanthracene-induced rat mammary cancer [McCabe] 1455 (De)
7,12-Dimethylbenzanthracene see 9,10-Dimethyl-1,2-Benzanthracene
Dimethylformamide
polar solvents in chemoprevention of dimethylbenzathracene-induced rat mammary cancer [McCabe] 1455 (De)
Dimethylhydrazines see Methylhydrazines
Diverticulitis, Colonic
subcutaneous positioning of high-risk colonic anastomosis and colonic lesions (letter) [Blanco-Benavides] 974
Diverticulosis, Colonic
percutaneous drainage of diverticular abscess, adjunct to surgical therapy [Saini] 475 (Ap)
DMBA see 9,10-Dimethyl-1,2-Benzanthracene
DNA
tumor, content in primary and metastatic colorectal carcinoma [Kokal] 1434 (De)
Dogs
β-adrenergic blockade increases hepatic extraction of glucose in sepsis [Caruana] 319 (Mr)
canine mucosal antrectomy [Becker] 824 (Jy)
comparison of laser-welded and sutured arteriotomies [White] 1133 (Oc)
description of continent jejunal gastrostomy [Waxman] 1121 (Oc)
efficacy of tissue plasminogen activator and urokinase in canine model of prosthetic graft thrombosis [Curl] 782 (Jy)
mitochondrial and myocardial performance, response to ischemia and reperfusion [Weinstein] 324 (Mr)
prevention of postoperative pericardial adhesions, animal study [Vander Salm] 462 (Ap)
right ventricular sensitivity to metabolic injury during cardio-pulmonary bypass [Morris] 338 (Mr)
Doppler Echocardiography see Echocardiography
Doppler Ultrasound see Ultrasonics
Doxorubicin
adjuvant, therapy, prospective of cardiomyopathy induced by, in patients with soft-tissue sarcomas [Ettinghausen] 1445 (De)
chemotherapy in treatment of soft-tissue sarcoma, combined results of 2 randomized trials [Wilson] 1354 (No)
intra-arterial infusion of, with degradable starch microspheres, improvement of hepatic tumor drug uptake [Sigurdson] 1277 (No)
multimodal therapy for locally advanced breast cancer [Morrow] 1291 (No)
ovarian carcinoma, significance of restaging laparotomies with negative outcomes [Potkul] 1262 (No)
Doxycycline
efficacy of short-course antibiotic prophylaxis after penetrating intestinal injury, prospective randomized trial [Dellinger] 23 (Ja)
Drainage
management of bile duct cysts in adults [Deziel] 410 (Ap)
operative vs percutaneous, of intra-abdominal abscesses, comparison of morbidity and mortality [Olak] 141 (Fe)
percutaneous, of diverticular abscess, adjunct to surgical therapy [Saini] 475 (Ap)
surgical management of necrotizing pancreatitis [Wertheimer] 484 (Ap)
treatment of pyogenic hepatic abscesses, surgical vs percutaneous drainage [Bertel] 554 (My)
use of absorbable mesh to repair contaminated abdominal-wall defects [Dayton] 954 (Au)
DRG Diagnostic Related Groups see Diagnostic Related Groups
Drug Therapy
comparison of staging methods for Hodgkin's disease in children [Lally] 1125 (Oc)
diagnosis and treatment of splenic fungal abscesses in immune-suppressed patient [Helton] 580 (My)
doxorubicin chemotherapy in treatment of soft-tissue sarcoma, combined results of 2 randomized trials [Wilson] 1354 (No)
effects of perioperative fluorouracil administration on convalescence and wound healing [Klausner] 239 (Fe)
how effective is adjuvant cancer chemotherapy? Lucy Wortham James Clinical Research Award [James] 1233 (No)
improved survival in squamous esophageal cancer, preoperative chemotherapy and radiation [Popp] 1330 (No)
intra-arterial infusion of doxorubicin with degradable

Drug Therapy—Continued
starch microspheres, improvement of hepatic tumor drug uptake [Sigurdson] 1277 (No)
murine neutrophil migration during course of intra-abdominal abscess [Lineaweaver] 797 (Jy)
oophoropexy and management of Hodgkin's disease, reevaluation of risks and benefits [Gabriel] 1083 (Se)
pancreatic cancer, adjuvant combined radiation and chemotherapy following curative resection [Kalser] 120: 899; correction, 121:1045 (Se)
polar solvents in chemoprevention of dimethylbenzanthracene-induced rat mammary cancer [McCabe] 1455 (De)
prospective study of cardiomyopathy induced by adjuvant doxorubicin therapy in patients with soft-tissue sarcomas [Ettinghausen] 1445 (De)
surgical oncology in university departments of surgery in United States [Lawrence] 1088 (Se)
Drug Therapy, Combination
multimodal therapy for locally advanced breast cancer [Morrow] 1291 (No)
Duodenal Diseases
external duodenal fistula, causes, complications, and treatment [Rossi] 908 (Au)
Duodenal Obstruction
traumatic mesenteric arteriovenous fistula presenting as superior mesenteric artery syndrome [Reed] 1209 (Oc)
Duodenal Ulcer
chronic, choledochoduodenal fistula due to (letter) [Lekacos] 492 (Ap)
duodenoplasty and proximal gastric vagotomy in peptic stenosis, experience with 43 cases [Barroso] 1021 (Se)
Duodenum
acid and gastrin levels following pyloric-preserving pancreaticoduodenectomy [Pearlman] 661 (Je)
new method for biliary tract reconstruction for primary bile duct stones [Tsou-Hsin] 720 (Je)

E

Eating
jejunostomy, indicated procedure? (letters) [Andrassy, Sriram] 1095 (Se)
jejunostomy, rarely indicated procedure [Adams] 236 (Fe)
Echinococcosis, Hepatic
caustic sclerosing cholangitis, complication of surgical treatment of hydatid disease of liver [Belghiti] 1162 (Oc)
Echocardiography
recognition and management of impending vein-graft failure, importance for long-term patency [Cohen] 758 (Jy)
Echotomography, Computer see Ultrasonic Diagnosis
Edema
results of venous reconstruction after civilian vascular trauma [Pasch] 607 (My)
EDITORIAL COMMENT
canine mucosal antrectomy [Nyhus] 830 (Jy)
caustic sclerosing cholangitis, complication of surgical treatment of hydatid disease of liver [Cameron] 1165 (Oc)
clinical aspect of retained gastric antrum [Woodward] 1186 (Oc)
comparison of staging methods for Hodgkin's disease in children [Ternberg] 1127 (Oc)
discharge within 24 hours of elective cholecystectomy, first 100 patients [Nahrwold] 1161 (Oc)
effects of perioperative fluorouracil administration on convalescence and wound healing [Leffall] 242 (Fe)
general surgical operations in United States, 1979 to 1984 [Moore] 1148 (Oc)
kinetics of peritoneal clearance of *Escherichia coli* and *Bacteroides fragilis* and participating defense mechanisms [Dunn] 1039 (Se)
long-acting β-adrenergic antagonists as preparation for surgery in thyrotoxicosis [Hermann] 840 (Jy)
murine neutrophil migration during course of intra-abdominal abscess [Lineaweaver] 799 (Jy)
one-stage simple mastectomy with immediate reconstruction for high-risk patients [Ariyan] 225 (Fe)
oophoropexy and management of Hodgkin's disease, reevaluation of risks and benefits [Nuland] 1085 (Se)
perianal fistulas in patients with Crohn's disease [Wright] 1190 (Oc)
peritoneoscopy in extrahepatic abdominal diseases [Hermann] 818 (Jy)
presentation of congenital diaphragmatic hernia past the neonatal period [Touloukian] 816 (Jy)
prophylaxis against radiation injury, use of elemental diet prior to and during radiotherapy for invasive bladder cancer and in early postoperative feeding following radical cystectomy and ileal conduit [Fischer] 884 (Au)
pulmonary and cardiovascular consequences of immediate fixation or conservative management of long-bone fractures [Border] 999 (Se)
Education, Medical
colorectal cancer, blueprint for disease control through screening by primary care physicians [Wanebo] 1347 (No)
lost sheep, presidential address before annual meeting of New England Surgical Society [Braasch] 385 (Ap)
surgical critical care [Griffen] 991 (Se)
surgical oncology in university departments of surgery in United States [Lawrence] 1088 (Se)
Ehlers-Danlos Syndrome
changing patterns in vascular form of [Gertsch] 1061 (Se)
5,8,11,14,17-Eicosapentaenoic Acid
nutrition and infection, new perspectives for old problem [Alexander] 966 (Au)
Elastase see Pancreatopeptidase
Electrochemistry
transmural electrical potential difference as early marker in colon cancer [Goller] 345 (Mr)
Electroencephalography
predicting cerebral ischemia during carotid endarterectomy [Graham] 595 (My)
Electrophysiology
anterior scalene muscle in thoracic outlet compression syndrome, histochemical and morphometric studies [Machleder] 1141 (Oc)
in vitro reversal of cardiac deterioration in septic shock with tetraethylammonium chloride [DeMeules] 65 (Ja)
ELISA see Enzyme-Linked Immunosorbent Assay
Emergency Medical Services
correlation of response time and results of abdominal gunshot wounds [Fiedler] 902 (Au)
impact of prospective reimbursement on trauma centers, alternative payment plan [Jacobs] 479 (Ap)
Empyema, Gallbladder see Cholecystitis
Endarterectomy
carotid, noninvasive conjunctival oxygen monitoring during [Kram] 914 (Au)
carotid, predicting cerebral ischemia during [Graham] 595 (My)
Endocrine Glands
Both inflammatory and endocrine mediators stimulate host responses to sepsis [Watters] 179 (Fe)
Endometriosis
pitfalls in preoperative diagnosis of (letter) [Ziv] 367 (Mr)
Endometrium
modulation of estrogen receptor by insulin and its biologic significance [Chaudhuri] 1322 (No)
Endoscopic Retrograde Cholangiopancreatography see Cholangiopancreatography, Endoscopic Retrograde
Endoscopy
colorectal cancer, blueprint for disease control through screening by primary care physicians [Wanebo] 1347 (No)
demonstration of free rupture of gallbladder by endoscopic retrograde cholangiography (letter) [Morgan] 1213 (Oc)
endoscopic laser therapy of malignant esophageal obstruction [Pietrafitta] 395 (Ap)
esophageal perforation after fiberoptic endoscopic injection sclerotherapy for esophageal varices [Shemesh] 243 (Fe)
generalized juvenile familial polyposis coli, clinical management based on long-term observations [Grosfeld] 530 (My)
ileoanal reservoir for ulcerative colitis and familial polyposis [Schoetz] 404 (Ap)
prospective study of ERCP and endoscopic sphincterotomy in diagnosis and treatment of gallstone acute pancreatitis, rational and safe approach to management [Neoptolemos] 697 (Je)
Endothelium
efficacy of tissue plasminogen activator and urokinase in canine model of prosthetic graft thrombosis [Curl] 782 (Jy)
Endotoxins
immunotherapy of gram-negative bacterial sepsis, single murine monoclonal antibody provides cross-genera protection [Dunn] 58 (Ja)
Enema
barium, colonoscopy vs, for evaluation of colon (letter) [Ott] [reply] [Maxfield] 1094 (Se)
colonoscopy after curative resection of colorectal cancer [Larson] 535 (My)
colonoscopy as primary diagnostic procedure in chronic gastrointestinal tract bleeding [Maxfield] 401 (Ap)
Energy Expenditure see Energy Metabolism
Energy Metabolism
energy expenditure in malnourished patients with colorectal cancer [Dempsey] 789 (Jy)
mitochondrial and myocardial performance, response to ischemia and reperfusion [Weinstein] 324 (Mr)
Enteral Feeding
discharge within 24 hours of elective cholecystectomy, first 100 patients [Moss] 1159 (Oc)
Enteral Hyperalimentation see Enteral Feeding
Enterocolitis
neutropenic, in adults with acute leukemia [Mower] 571 (My)
Environmental Pollutants
one-stage simple mastectomy with immediate reconstruction for high-risk patients, improved technique, biologic basis for ductal-glandular mastectomy [Bland] 221 (Fe)
Enzyme Immunoassay see Immunoenzyme Technics
Enzyme-Labeled Antibody Technic see Immunoenzyme Technics
Enzyme-Linked Immunosorbent Assay
abnormalities of antibody production after thermal injury, association with reduced interleukin 2 production [Wood] 108 (Ja)
Epidermal Growth Factor—Urogastrone
increased expression of epidermal growth factor receptor on human colon carcinoma cells [Bradley] 1242 (No)
Epinephrine
β-adrenergic blockade increases hepatic extraction of glucose in sepsis [Caruana] 319 (Mr)
both inflammatory and endocrine mediators stimulate host responses to sepsis [Watters] 179 (Fe)
Epithelium
colonic epithelial impedance analysis in murine model of large-bowel cancer [Davies] 1253 (No)
effects of gastrin, glutamine, and somatostatin on in vitro growth of normal and malignant human gastric mucosal cells [Moyer] 285 (Mr)
increased expression of epidermal growth factor receptor on human colon carcinoma cells [Bradley] 1242 (No)
ovarian carcinoma, significance of restaging laparotomies with negative outcomes [Potkul] 1262 (No)
papillary cystic epithelial neoplasms of pancreas, clinical study of 4 cases [Rustin] 1073 (Se)
transmural electrical potential difference as early marker in colon cancer [Goller] 345 (Mr)
Equipment and Supplies
intraoperative probe-directed immunodetection using monoclonal antibody [O'Dwyer] 1391 (De)
segmental hepatic resection utilizing ultrasonic dissector [Andrus] 515 (My)
ERCP see Cholangiopancreatography, Endoscopic Retrograde
Escherichia coli
antibiotics fail to prevent abscess formation secondary to bacteria trapped in fibrin clots [Hau] 163 (Fe)
bacteroides by-product inhibits human polymorphonuclear leukocyte function [Rotstein] 82 (Ja)
effect of heparin and heparin fractions on experimental abscess formation [Prinz] 1173 (Oc)
in vitro reversal of cardiac deterioration in septic shock with tetraethylammonium chloride [DeMeules] 65 (Ja)
intestinal bacteria translocate into experimental intra-abdominal abscesses [Wells] 102 (Ja)
kinetics of peritoneal clearance of *Bacteroides fragilis* and participating defense mechanisms and [Skau] 1033 (Se)
oxygen as antibiotic, comparison of effects of inspired oxygen concentration and antibiotic administration on in vivo bacterial clearance [Knighton] 191 (Fe)
Esophageal Achalasia
radionuclide esophageal screening transit, screening test for esophageal disorders [Netscher] 843 (Jy)
Esophageal and Gastric Varices
isolated splenic vein thrombosis [Glynn] 723 (Je)
Esophageal Neoplasms
endoscopic laser therapy of malignant esophageal obstruction [Pietrafitta] 395 (Ap)
improved survival in squamous esophageal cancer, preoperative chemotherapy and radiation [Popp] 1330 (No)
Esophageal Perforation
after fiberoptic endoscopic injection sclerotherapy for esophageal varices [Shemesh] 243 (Fe)
Esophageal Sphincter see Esophagogastric Junction
Esophagogastric Junction
esophagogastrectomy with use of single gastrotomy for pyloromyectomy and insertion of EEA stapler and gastrostomy tube [Shiu] 961 (Au)
paraesophageal hiatus hernia [Ellis] 416 (Ap)
Esophagus
'noninvasive' treatment of esophagogastric anastomotic leakage (letter) [Ofek] 124 (Ja)
radionuclide esophageal screening transit, screening test for esophageal disorders [Netscher] 843 (Jy)
Estrogen Receptors see Receptors, Estrogen
Etiocholanolone
both inflammatory and endocrine mediators stimulate host responses to sepsis [Watters] 179 (Fe)
Exophthalmic Goiter see Goiter, Exophthalmic
Extremities
anastomatic pseudoaneuryams, continuing late complications of vascular reconstructive procedures [Dennis] 314 (Mr)
aortic reconstruction for occlusive disease, comparable results in diabetics [Bartlett] 1150 (Oc)
aortic reconstruction vs extra-anatomic bypass and angioplasty, thoughts on evolving protocol for selection [Bunt] 1166 (Oc)
axillofemoral bypass, expectations and results [Savrin] 1016 (Se)
hemodynamic indicators of postthrombotic sequelae [Norris] 765 (Jy)
lower, localized, operable soft tissue sarcoma of [Collin] 1425 (De)
posttraumatic complications and inflammatory mediators [Nuytinck] 886 (Au)
prospective study of cardiomyopathy induced by adjuvant doxorubicin therapy in patients with soft-tissue sarcomas [Ettinghausen] 1445 (De)
salvage of almost irretrievable, totally autogenous venovenous composite bypass grafts [Harris] 1128 (Oc)
successful vein bypass in patients with ischemic limb and palpable popliteal pulse [Cantelmo] 217 (Fe)
superior temporary shunt for management of vascular trauma of (letter) [Howe] 1212 (Oc)
Eye Neoplasms
metastasis to choroid of eye from carcinoma of breast (letter) [Goldman] 973 (Au)

F

F-Met-Leu-Phe see N-Formylmethionine Leucyl-Phenylalanine
Fasciitis
necrotizing [Gozal] 233 (Fe)
Femoral Artery
aortic reconstruction vs extra-anatomic bypass and angioplasty, thoughts on evolving protocol for selection [Bunt] 1166 (Oc)

Femoral Artery—Continued
comparison of laser-welded and sutured arteriotomies [White] 1133 (Oc)
descending thoracic aorta-to-femoral artery bypass [McCarthy] 681 (Je)
effect of prolonged intra-arterial prostaglandin E_1 infusion on canine arterial graft patency [Cronenwett] 760 (Jy)
pulmonary dysfunction associated with streptokinase therapy [Kerstein] 852 (Jy)
recognition and management of impending vein-graft failure, importance for long-term patency [Cohen] 758 (Jy)
Femoral Fractures
pulmonary and cardiovascular consequences of immediate fixation or conservative management of long-bone fractures [Lozman] 992 (Se)
Femoral Vein
11-year experience with deep leg veins as femoropopliteal bypass grafts [Schulman] 1010 (Se)
results of arterial reconstruction of foot [Buchbinder] 673 (Je)
FEP see Polytetrafluoroethylene
Fever
tumoricidal effects and patient survival after hyperthermic liver perfusion [Skibba] 1266 (No)
Fiber Optics
esophageal perforation after fiberoptic endoscopic injection sclerotherapy for esophageal varices [Shemesh] 243 (Fe)
Fibrin
clots, antibiotics fail to prevent abscess formation secondary to bacteria trapped in [Hau] 163 (Fe)
effect of heparin and heparin fractions on experimental abscess formation [Prinz] 1173 (Oc)
glue sclerosant, management of experimental pneumothorax in weanling rabbits with urs of [Goldman] 565 (My)
intestinal bacteria translocate into experimental intra-abdominal abscesses [Wells] 102 (Ja)
Fibrinogen
pulmonary and cardiovascular consequences of immediate fixation or conservative management of long-bone fractures [Lozman] 992 (Se)
pulmonary dysfunction associated with streptokinase therapy [Kerstein] 852 (Jy)
Fibrinolytic Agents
intra-arterial fibrinolytic therapy, efficacy of streptokinase vs urokinase [Belkin] 769 (Jy)
intraoperative streptokinase, adjunct to mechanical thrombectomy in management of acute ischemia [Cohen] 708 (Je)
Fibroblasts
effect of heparin and heparin fractions on experimental abscess formation [Prinz] 1173 (Oc)
Fibronectins
antithrombin, prekallikrein, and, levels in surgical patients [Wilson] 635 (Je)
Fibrosarcoma
continuous intrasplenic interleukin-2 combined with antigen-specific chemoimmunotherapy [Naito] 1415 (De)
Fistula see also Rectal Fistula
descending thoracic aorta-to-femoral artery bypass [McCarthy] 681 (Je)
external duodenal, causes, complications, and treatment [Rossi] 908 (Au)
operative vs percutaneous drainage of intra-abdominal abscesses, comparison of morbidity and mortality [Olak] 141 (Fe)
subcutaneous positioning of high-risk colonic anastomosis and colonic lesions (letter) [Blanco-Benavides] 974
use of absorbable mesh to repair contaminated abdominal-wall defects [Dayton] 954 (Au)
Flaps see Surgical Flaps
Flow Cytometry
biologic control of cancer, James Ewing lecture [Baker] 1237 (No)
trauma serum suppresses superoxide production by normal neutrophils [Lanser] 157 (Fe)
treated histories of patients with Ta grade 1 transitional-cell carcinoma of bladder [Prout] 1460 (De)
Fluorescent Antibody Technic
increased expression of epidermal growth factor receptor on human colon carcinoma cells [Bradley] 1242 (No)
prevention of posttraumatic alterations in lymphocyte subpopulations in mice by immunomodulating drugs [Zapata-Sirvent] 116 (Ja)
Fluoroscopy
double-lumen, silicone rubber, indwelling venous catheters, new modality for angioaccess [Schanzer] 229 (Fe)
Fluorouracil
improved survival in epidermoid carcinoma of anus in association with preoperative multidisciplinary therapy [Enker] 1386 (De)
improved survival in squamous esophageal cancer, preoperative chemotherapy and radiation [Popp] 1330 (No)
intra-arterial infusion of doxorubicin with degradable starch microspheres, improvement of hepatic tumor drug uptake [Sigurdson] 1277 (No)
multimodal therapy for locally advanced breast cancer [Morrow] 1291 (No)
pancreatic cancer, adjuvant combined radiation and chemotherapy following curative resection [Kalser] 120: 899; correction, 121:1045 (Se)
perioperative, administration, effects of, on convalescence and wound healing [Klausner] 239 (Fe)
transmural electrical potential difference as early marker in colon cancer [Goller] 345 (Mr)
Follow-Up Studies
axillofemoral bypass, expectations and results [Savrin] 1016 (Se)
generalized juvenile familial polyposis coli, clinical management based on long-term observations [Grosfeld] 530 (My)
intraoperative autotransfusion in urologic oncology [Klimberg] 1326 (No)
role of surgical oncologist in community hospital, presidential address before annual meeting of Society of Surgical Oncology [Dembrow] 1231 (No)
Food, Formulated
prophylaxis against radiation injury, use of elemental diet prior to and during radiotherapy for invasive bladder cancer and in early postoperative feeding following radical cystectomy and ileal conduit [McArdle] 879 (Au)
Foot
results of arterial reconstruction of [Buchbinder] 673 (Je)
Foreign Bodies
bronchial, stone basket extraction of (letter) [Moss] 975 (Au)
Formaldehyde
caustic sclerosing cholangitis, complication of surgical treatment of hydatid disease of liver [Belghiti] 1162 (Oc)
Formalin see Formaldehyde
N-Formylmethionine Leucyl-Phenylalanine
degranulation inhibition, potential mechanism for control of neutrophil superoxide production in sepsis [Solomkin] 77 (Ja)
Forskolin
(cyclic adenosine monophosphate)-dependent protein phosphorylation in isolated gastric glands [Modlin] 330 (Mr)
Fresh Frozen Plasma see Plasma
Freund's Adjuvant
muramyl dipeptide enhances survival from experimental peritonitis [Brown] 47 (Ja)
Frozen Sections see Microtomy

G

Gallbladder
demonstration of free rupture of, by endoscopic retrograde cholangiography (letter) [Morgan] 1213 (Oc)
Gallium
comparison of staging methods for Hodgkin's disease in children [Lally] 1125 (Oc)
tests help? [Dobrin] 41 (Ja)
Gallstones see Cholelithiasis
Gallstones, Common Bile Duct see Common Bile Duct Calculi
Gangrene
β-adrenergic blockade increases hepatic extraction of glucose in sepsis [Caruana] 319 (Mr)
Gastrectomy
clinical aspect of retained gastric antrum [Lee] 1181 (Oc)
Gastric Acid
canine mucosal antrectomy [Becker] 824 (Jy)
Gastric Antrum see Pyloric Antrum
Gastric Emptying
description of continent jejunal gastrostomy [Waxman] 1121 (Oc)
esophagogastrectomy with use of single gastrotomy for pyloromyectomy and insertion of EEA stapler and gastrostomy tube [Shiu] 961 (Au)
Gastric Glands see Gastric Mucosa
Gastric Mucosa
forskolin (cyclic adenosine monophosphate)-dependent protein phosphorylation in isolated gastric glands [Modlin] 330 (Mr)
Gastric Varices see Esophageal and Gastric Varices
Gastrins
acid and, levels following pyloric-preserving pancreaticoduodenectomy [Pearlman] 661 (Je)
canine mucosal antrectomy [Becker] 824 (Jy)
clinical aspect of retained gastric antrum [Lee] 1181 (Oc)
effects of glutamine, somatostatin, and, on in vitro growth of normal and malignant human gastric mucosal cells [Moyer] 285 (Mr)
hepatocellular carcinoma presenting with intractable diarrhea, radiologic-pathologic correlation [Steiner] 849 (Jy)
Gastroenterostomy
acid and gastrin levels following pyloric-preserving pancreaticoduodenectomy [Pearlman] 661 (Je)
use of implantable chemoinfusion pump in treatment of hepatic metastases of colorectal cancer [Ramming] 1440 (De)
Gastrointestinal Neoplasms
generalized juvenile familial polyposis coli, clinical management based on long-term observations [Grosfeld] 530 (My)
Gastrointestinal System
antacid vs sucralfate in preventing acute gastrointestinal tract bleeding in abdominal aortic surgery, randomized trial in 50 patients [Borrero] 810 (Jy)
discharge within 24 hours of elective cholecystectomy, first 100 patients [Moss] 1159 (Oc)
effects of perioperative fluorouracil administration on convalescence and wound healing [Klausner] 239 (Fe)
jejunostomy, indicated procedure? (letters) [Andrassy, Sriram] 1095 (Se)
jejunostomy, rarely indicated procedure [Adams] 236 (Fe)
multiple-organ-failure syndrome [Carrico] 196 (Fe)
postoperative enteral vs parenteral nutrition, randomized controlled trial [Bower] 1040 (Se)
Gastrointestinal System—Continued
presentation of congenital diaphragmatic hernia past neonatal period [Newman] 813 (Jy)
ranitidine and somatostatin, their effects on bleeding from upper gastrointestinal tract [Basso] 833 (Jy)
thermal injury promotes bacterial translocation from gastrointestinal tract in mice with impaired T-cell-mediated immunity [Deitch] 97 (Ja)
Gastrostomy
continent jejunal, description of [Waxman] 1121 (Oc)
paraesophageal hiatus hernia [Ellis] 416 (Ap)
single, esophagogastrectomy with use of, for pyloromyectomy and insertion of EEA stapler and gastrostomy tube [Shiu] 961 (Au)
Gel Diffusion Tests
abnormalities of antibody production after thermal injury, association with reduced interleukin 2 production [Wood] 108 (Ja)
Genetics, Medical see also Hereditary Diseases
one-stage simple mastectomy with immediate reconstruction for high-risk patients, improved technique: biologic basis for ductal-glandular mastectomy [Bland] 221 (Fe)
Gentamicins
antibiotics fail to prevent abscess formation secondary to bacteria trapped in fibrin clots [Hau] 163 (Fe)
effect of heparin and heparin fractions on experimental abscess formation [Prinz] 1173 (Oc)
Gentamycin see Gentamicins
Glucagon
β-adrenergic blockade increases hepatic extraction of glucose in sepsis [Caruana] 319 (Mr)
both inflammatory and endocrine mediators stimulate host responses to sepsis [Watters] 179 (Fe)
Glucose
in sepsis, β-adrenergic blockade increases hepatic extraction of glucose in [Caruana] 319 (Mr)
Glutamine
effects of gastrin, somatostatin, and, on in vitro growth of normal and malignant human gastric mucosal cells [Moyer] 285 (Mr)
Goiter, Exophthalmic
long-acting β-adrenergic antagonists as preparation for surgery in thyrotoxicosis [Gerst] 838 (Jy)
Graft Occlusion, Vascular
anastomatic pseudoaneurysms, continuing late complications of vascular reconstructive procedures [Dennis] 314 (Mr)
antiplatelet therapy and vascular grafts, studies in baboon ex vivo shunt [Eldrup-Jorgensen] 778 (Jy)
aortic reconstruction vs extra-anatomic bypass and angioplasty, thoughts on evolving protocol for selection [Bunt] 1166 (Oc)
axillofemoral bypass, expectations and results [Savrin] 1016 (Se)
deep-penile-vein arterialization for arterial and venous impotence [Balko] 774 (Jy)
descending thoracic aorta-to-femoral artery bypass [McCarthy] 681 (Je)
early variceal rebleeding after successful distal splenorenal shunt [Eckhauser] 547 (My)
11-year experience with deep leg veins as femoropopliteal bypass grafts [Schulman] 1010 (Se)
five-year experience with bovine heterograft for vascular access [Brems] 941 (Au)
intraoperative assessment of in situ saphenous vein arterial graft using pulsed Doppler spectral analysis [Bandyk] 292 (Mr)
mucin production by *Staphylococcus epidermidis*, virulence factor promoting adherence to vascular grafts [Schmitt] 89 (Ja)
recognition and management of impending vein-graft failure, importance for long-term patency [Cohen] 758 (Jy)
results of arterial reconstruction of foot [Buchbinder] 673 (Je)
totally autogenous venovenous composite bypass grafts, salvage of almost irretrievable extremity [Harris] 1128 (Oc)
Graft Survival
anastomotic pseudoaneurysms, continuing late complications of vascular reconstructive procedures [Dennis] 314 (Mr)
aortic reconstruction for occlusive disease, comparable results in diabetics [Bartlett] 1150 (Oc)
descending thoracic aorta-to-femoral artery bypass [McCarthy] 681 (Je)
effect of prolonged intra-arterial prostaglandin E_1 infusion on canine arterial graft patency [Cronenwett] 760 (Jy)
11-year experience with deep leg veins as femoropopliteal bypass grafts [Schulman] 1010 (Se)
five-year experience with bovine heterograft for vascular access [Brems] 941 (Au)
successful vein bypass in patients with ischemic limb and palpable popliteal pulse [Cantelmo] 217 (Fe)
Gram-Negative Bacteria
sepsis, immunotherapy of, single murine monoclonal antibody provides cross-genera protection [Dunn] 58 (Ja)
Gram-Positive Bacteria
association of burn mortality and bacteremia, 25-year review [Mason] 1027 (Se)
Grants and Subsidies, Research see Research Support
Granulocytes
leukocyte aggregation response to quantitative plasma

Granulocytes—Continued
levels of C3a and C5a [Williams] 305 (Mr)
posttraumatic complications and inflammatory mediators [Nuytinck] 886 (Au)
prostaglandin and complement interaction in clinical acute respiratory failure [Slotman] 271 (Mr)
Granuloma, Hodgkins see Hodgkin's Disease
Granuloma, Malignant see Hodgkin's Disease
Graves' Disease see Goiter, Exophthalmic
Guinea Pigs
oxygen as antibiotic, comparison of effects of inspired oxygen concentration and antibiotic administration on in vivo bacterial clearance [Knighton] 191 (Fe)

H

Head and Neck Neoplasms
effects of parenteral nutrition on cell cycle kinetics of head and neck cancer [Baron] 1282 (No)
multiple malignancies of lung and head and neck, second primary tumor or metastasis? [Lefor] 265 (Mr)
role of modified neck dissection in treatment of cutaneous melanoma of head and neck [Byers] 1338 (No)
thickness as prognostic aid in upper aerodigestive tract cancer [Moore] 1410 (De)
Health Services Marketing see Marketing of Health Services
Heart
prevention of postoperative pericardial adhesions, animal study [Vander Salm] 462 (Ap)
suture technique in preventing dehiscence of prosthetic mitral valves [Stiles] 1136 (Oc)
Heart Arrest
fatal pulmonary bile embolism following acute acalculous cholecystitis [Proia] 1206 (Oc)
Heart Catheterization
continuous mixed venous oximetry in critically ill surgical patients, 'high-tech' cost-effectiveness [Orlando] 470 (Ap)
intraoperative streptokinase, adjunct to mechanical thrombectomy in management of acute ischemia [Cohen] 708 (Je)
Heart Contractility see Myocardial Contraction
Heart Disease, Ischemic see Coronary Disease
Heart Diseases
in vitro reversal of cardiac deterioration in septic shock with tetraethylammonium chloride [DeMeules] 65 (Ja)
Heart Injuries
diagnosis of traumatic cardiac contusion [Waxman] 689 (Je)
Heart Mitochondria see Mitochondria, Heart
Heart Valve Prosthesis
fate of left-sided cardiac bioprosthesis valves in children [Kopf] 488 (Ap)
Hemagglutination
abnormalities of antibody production after thermal injury, association with reduced interleukin 2 production [Wood] 108 (Ja)
Hemangioendothelioma
angiosarcoma of breast [Rainwater] 669 (Je)
Hemangioma
angiosarcoma of breast [Rainwater] 669 (Je)
congenital micro-arteriovenous shunts, angiographic and Doppler ultrasonographic identification [Halmovici] 1065 (Se)
Hemangiosarcoma
angiosarcoma of breast [Rainwater] 669 (Je)
Hematocrit
intraoperative autotransfusion in urologic oncology [Klimberg] 1326 (No)
Hematology
multiple-organ-failure syndrome [Carrico] 196 (Fe)
Hematoma
chronic contained rupture of abdominal aortic aneurysms [Jones] 542 (My)
postoperative wound, and subcutaneous heparin, prospective, double-blind, randomized study [van Ooijen] 937 (Au)
Hematoxylin see Benzopyrans
Hemocyanin
susceptibility to bacterial sepsis, accurate measurement by delayed-type hypersensitivity skin test score [Tchervenkov] 37 (Ja)
Hemodialysis
double-lumen, silicone rubber, indwelling venous catheters, new modality for angioaccess [Schanzer] 229 (Fe)
Hemodynamics
chronic contained rupture of abdominal aortic aneurysms [Jones] 542 (My)
fate of left-sided cardiac bioprosthesis valves in children [Kopf] 488 (Ap)
indicators of postthrombotic sequelae [Norris] 765 (Jy)
study of valve incompetence that developed in experimental model of venous hypertension [van Bemmelen] 1048 (Se)
vasoactive properties of ascitic fluid in acute pancreatitis in porcine model [Innes] 665 (Je)
Hemorrhage
antacid vs sucralfate in preventing acute gastrointestinal tract bleeding in abdominal aortic surgery, randomized trial in 50 patients [Borrero] 810 (Jy)
duodenoplasty and proximal gastric vagotomy in peptic stenosis, experience with 43 cases [Barroso] 1021 (Se)
early variceal rebleeding after successful distal splenorenal shunt [Eckhauser] 547 (My)
fatal pulmonary bile embolism following acute acalculous cholecystitis [Proia] 1206 (Oc)
Hemorrhage—Continued
intra-arterial fibrinolytic therapy, efficacy of streptokinase vs urokinase [Belkin] 769 (Jy)
isolated splenic vein thrombosis [Glynn] 723 (Je)
LeVeen vs Denver peritoneovenous shunts for intractable ascites of cirrhosis, randomized, prospective trial [Fulenwider] 351 (Mr)
massive arterial, in patients with pancreatitis, complementary roles of surgery and transcatheter occlusive techniques [Waltman] 439 (Ap)
ranitidine and somatostatin, their effects on bleeding from upper gastrointestinal tract [Basso] 833 (Jy)
second hepatoma developing 13 years after resection of first tumor [Ackerman] 726 (Je)
Hemorrhage, Gastrointestinal
colonoscopy as primary diagnostic procedure in chronic gastrointestinal tract bleeding [Maxfield] 401 (Ap)
colonoscopy vs barium enema for evaluation of colon (letter) [Ott] (reply) [Maxfield] 1094 (Se)
Hemostatic Technics
recurrent choledocholithiasis due to hemostatic clip (letter) [Margolis] 1213 (Oc)
Hemostatics
massive arterial hemorrhage in patients with pancreatitis, complementary roles of surgery and transcatheter occlusive techniques [Waltman] 439 (Ap)
Heparin
antiplatelet therapy and vascular grafts, studies in baboon ex vivo shunt [Eldrup-Jorgensen] 778 (Jy)
effect of, and heparin fractions on experimental abscess formation [Prinz] 1173 (Oc)
subcutaneous, and postoperative wound hematomas, prospective, double-blind, randomized study [van Ooijen] 937 (Au)
Hepatic Cirrhosis see Liver Cirrhosis
Hepatic Veins
hepatic coma resulting from diaphragmatic rupture and hepatic herniation [Negre] 950 (Au)
Hepatitis
intraoperative autotransfusion in urologic oncology [Klimberg] 1326 (No)
Hepatoma
second, developing 13 years after resection of first tumor [Ackerman] 726 (Je)
segmental hepatic resection utilizing ultrasonic dissector [Andrus] 515 (My)
Hereditary Diseases see also Genetics, Medical
changing patterns in vascular form of Ehlers-Danlos Syndrome [Gertsch] 1061 (Se)
congenital micro-arteriovenous shunts, angiographic and Doppler ultrasonographic identification [Halmovici] 1065 (Se)
generalized juvenile familial polyposis coli, clinical management based on long-term observations [Grosfeld] 530 (My)
multiple granular cell tumors, familial occurrence in children [Rifkin] 945 (Au)
Hernia
handlebar, intra-abdominal injury in (letter) [Yarbrough] 491 (Ap)
use of absorbable mesh to repair contaminated abdominal-wall defects [Dayton] 954 (Au)
ventral herniorrhaphy aided by pneumoperitoneum [Astudillo] 935 (Au)
Hernia, Diaphragmatic
congenital, past neonatal period, presentation of [Newman] 813 (Jy)
hepatic coma resulting from diaphragmatic rupture and hepatic herniation [Negre] 950 (Au)
Hernia, Hiatal
paraesophageal [Ellis] 416 (Ap)
Hernia, Inguinal
inguinal darn [Lifschutz] 717 (Je)
subcutaneous heparin and postoperative wound hematomas, prospective, double-blind, randomized study [van Ooijen] 937 (Au)
Heterograft see Transplantation, Heterologous
Hiatal Hernia see Hernia, Hiatal
Hip
necrosis, aseptic, after renal transplantation [Brazil] 803 (Jy)
Hirschsprung Disease
acetylcholinesterase and manometry in diagnosis of constipated child [Ikawa] 435 (Ap)
Histamine
prevention of posttraumatic alterations in lymphocyte subpopulations in mice by immunomodulating drugs [Zapata-Sirvent] 116 (Ja)
Histocytochemistry
acetylcholinesterase and manometry in diagnosis of constipated child [Ikawa] 435 (Ap)
Histology
anterior scalene muscle in thoracic outlet compression syndrome, histochemical and morphometric studies [Machleder] 1141 (Oc)
comparison of laser-welded and sutured arteriotomies [White] 1133 (Oc)
Hodgkin's Disease
in children, comparison of staging methods for [Lally] 1125 (Oc)
reevaluation of risks and benefits, oophoropexy and management of [Gabriel] 1083 (Se)
Homeostasis
biologic control of cancer, James Ewing lecture [Baker] 1237 (No)
Homograft, Isogenic see Transplantation, Isogenic
Hospitals, Community
hospital stay following biliary tract surgery, comparison
Hospitals, Community—Continued
of 2 [Luna] 693 (Je); correction, 1419 (De)
role of surgical oncologist in, presidential address before annual meeting of Society of Surgical Oncology [Dembrow] 1231 (No)
Human T-Cell Leukemia Virus
surgeon's role in treating acquired immunodeficiency syndrome [Nugent] 1117 (Oc)
Hydatid Cyst, Hepatic see Echinococcosis, Hepatic
Hydatidosis, Hepatic see Echinococcosis, Hepatic
Hydrochloric Acid
canine mucosal antrectomy [Becker] 824 (Jy)
intravenous, in patients with metabolic alkalosis and hypercapnia [Worthley] 1195 (Oc)
Hydrocortisone
both inflammatory and endocrine mediators stimulate host responses to sepsis [Watters] 179 (Fe)
Hydrogen-Ion Concentration
bacteroides by-product inhibits human polymorphonuclear leukocyte function [Rotstein] 82 (Ja)
ectothermic philosophy of acid-base balance to prevent fibrillation during hypothermia [Kroncke] 303 (Mr)
intravenous hydrochloric acid in patients with metabolic alkalosis and hypercapnia [Worthley] 1195 (Oc)
kinetics of peritoneal clearance of *Escherichia coli* and *Bacteroides fragilis* and participating defense mechanisms [Skau] 1033 (Se)
prediction of development of sigmoid ischemia on day of aortic operations, indirect measurements of intramural pH in colon [Fiddian-Green] 654 (Je)
Hydrogen-Ion Exchange
murine neutrophil migration during course of intra-abdominal abscess [Lineaweaver] 797 (Jy)
Hyperalimentation, Enteral see Enteral Feeding
Hyperbaric Oxygenation
necrotizing fasciitis [Gozal] 233 (Fe)
Hypercalcemia
parathyroid hormone assay, unreliable and overused [Broughan] 841 (Jy)
Hypercapnia
intravenous hydrochloric acid in patients with metabolic alkalosis and [Worthley] 1195 (Oc)
Hyperparathyroidism
parathyroid hormone assay, unreliable and overused [Broughan] 841 (Jy)
Hyperplasia
changing mammogram, primary indication for needle localization biopsy [Wilhelm] 1311 (No)
Hypersplenism
true splenic cyst associated with (letter) [Marterre] 859 (Jy)
Hypertension
venous, study of valve incompetence that developed in experimental model of [van Bemmelen] 1048 (Se)
Hypertension, Portal
splenic aneurysm rupture in cirrhotics (letter) [Pomerantz] 1095 (Se)
traumatic mesenteric arteriovenous fistula presenting as superior mesenteric artery syndrome [Reed] 1209 (Oc)
Hypertension, Renal
early variceal rebleeding after successful distal splenorenal shunt [Eckhauser] 547 (My)
left renal vein (letter) [Scher] 491 (Ap)
Hyperthermia see Fever
Hyperthyroidism
long-acting β-adrenergic antagonists as preparation for surgery in thyrotoxicosis [Gerst] 838 (Jy)
Hypnotics and Sedatives
effect of antibiotics and sedatives on normal neutrophil nicotinamide-adenine dinucleotide phosphate-reduced oxidase activity [Moon] 73 (Ja)
Hypoglossal Nerve
bifurcation of cervical internal carotid artery (letter) [Brown] 367 (Mr)
Hypotension
vancomycin hydrochloride and 'red-neck' syndrome (letter) [Wade] 859 (Jy)
Hypothermia, Induced
ectothermic philosophy of acid-base balance to prevent fibrillation during hypothermia [Kroncke] 303 (Mr)
Hypoxemia see Anoxemia
Hypoxia see Anoxia

I

IgG
abnormalities of antibody production after thermal injury, association with reduced interleukin 2 production [Wood] 108 (Ja)
effect of fresh-frozen plasma resuscitation on cardiopulmonary function and serum protein flux [Lucas] 559 (My)
forskolin (cyclic adenosine monophosphate)-dependent protein phosphorylation in isolated gastric glands [Modlin] 330 (Mr)
immunotherapy of gram-negative bacterial sepsis, single murine monoclonal antibody provides cross-genera protection [Dunn] 58 (Ja)
Ileocolitis see Crohn Disease
Ileostomy
ileoanal reservoir for ulcerative colitis and familial polyposis [Schoetz] 404 (Ap)
Ileum
prophylaxis against radiation injury, use of elemental diet prior to and during radiotherapy for invasive bladder cancer and in early postoperative feeding following radical cystectomy and ileal conduit [Mc-

Ileum—Continued
Ardle] 879 (Au)
Ileus see Intestinal Obstruction
Iliac Artery
aortic reconstruction vs extra-anatomic bypass and angioplasty, thoughts on evolving protocol for selection [Bunt] 1166 (Oc)
Illustration, Medical see Medical Illustration
Immune Response Antigens see Antigens, Immune Response
Immunoassay, Enzyme see Immunoenzyme Technics
Immunodeficiency Syndrome, Acquired see Acquired Immunodeficiency Syndrome
Immunodiffusion see Gel Diffusion Tests
Immunoenzyme Technics
abnormalities of antibody production after thermal injury, association with reduced interleukin 2 production [Wood] 108 (Ja)
imaging of human colorectal adenocarcinoma with indium-labeled anticarcinoembryonic antigen monoclonal antibody [Duda] 1315 (No)
Immunofluorescence Technic see Fluorescent Antibody Technic
Immunologic Deficiency Syndrome, Acquired see Acquired Immunodeficiency Syndrome
Immunoperoxidase Technics see Immunoenzyme Technics
Immunosorbants see Antigen-Antibody Complex
Immunostimulants see Adjuvants, Immunologic
Immunosuppression
depression of cellular immunity after major injury, association with posttraumatic complications and its reversal with immunomodulation [Faist] 1000 (Se)
diagnosis and treatment of splenic fungal abscesses in immune-suppressed patient [Helton] 580 (My)
effect of antibiotics and sedatives on normal neutrophil nicotinamide-adenine dinucleotide phosphate-reduced oxidase activity [Moon] 73 (Ja)
effect of transfusion on immune function in traumatized animal model [Waymack] 50 (Ja)
potential development of tetanus in wounded patients with AIDS, tetanus toxoid and tetanus immune globulin (letter) [Furste] 367 (Mr)
prevention of posttraumatic alterations in lymphocyte subpopulations in mice by immunomodulating drugs [Zapata-Sirvent] 116 (Ja)
pulmonary infections, Minnesota randomized prospective trial of cyclosporine vs azathioprine-antilymphocyte globulin for, in renal allograft recipients [Hesse] 1056 (Se)
thermal injury promotes bacterial translocation from gastrointestinal tract in mice with impaired T-cell-mediated immunity [Deitch] 97 (Ja)
trauma serum suppresses superoxide production by normal neutrophils [Lanser] 157 (Fe)
Immunotherapy
biologic control of cancer, James Ewing lecture [Baker] 1237 (No)
continuous intrasplenic interleukin-2 combined with antigen-specific chemoimmunotherapy [Naito] 1415 (De)
increased expression of epidermal growth factor receptor on human colon carcinoma cells [Bradley] 1242 (No)
Impotence
deep-penile-vein arterialization for arterial and venous [Balko] 774 (Jy)
Indium
imaging of human colorectal adenocarcinoma with indium-labeled anticarcinoembryonic antigen monoclonal antibody [Duda] 1315 (No)
Indoles
regional brain amino acid and neurotransmitter derangements during abdominal sepsis and septic encephalopathy in rat, effect of amino acid infusions [Freund] 209 (Fe)
Indomethacin
depression of cellular immunity after major injury, association with posttraumatic complications and its reversal with immunomodulation [Faist] 1000 (Se)
effect of, on muscle and liver protein synthesis and on whole-body protein degradation during abdominal sepsis in rat [Freund] 1154 (Oc)
Infection
antithrombin, prekallikrein, and fibronectin levels in surgical patients [Wilson] 635 (Je)
bacteroides by-product inhibits human polymorphonuclear leukocyte function [Rotstein] 82 (Ja)
degranulation inhibition, potential mechanism for control of neutrophil superoxide production in sepsis [Solomkin] 77 (Ja)
effect of antibiotics and sedatives on normal neutrophil nicotinamide-adenine dinucleotide phosphate-reduced oxidase activity [Moon] 73 (Ja)
in vitro reversal of cardiac deterioration in septic shock with tetraethylammonium chloride [DeMeules] 65 (Ja)
leukocyte aggregation response to quantitative plasma levels of C3a and C5a [Williams] 305 (Mr)
murine neutrophil migration during course of intra-abdominal abscess [Lineaweaver] 797 (Jy)
nutrition and, new perspectives for old problem [Alexander] 966 (Au)
pulmonary, Minnesota randomized prospective trial of cyclosporine vs azathioprine-antilymphocyte globulin for immunosuppression in renal allograft recipients [Hesse] 1056 (Se)
radiologic diagnosis of intra-abdominal abscess, do multiple tests help? [Dobrin] 41 (Ja)
scheduled reoperations (etappenlavage) for diffuse peritonitis [Teichmann] 147 (Fe)
Infection—Continued
sepsis from triple- vs single-lumen catheters during total parenteral nutrition in surgical or critically ill patients [Pemberton] 591 (My)
susceptibility to bacterial sepsis, accurate measurement by delayed-type hypersensitivity skin test score [Tchervenkov] 37 (Ja)
use of absorbable mesh to repair contaminated abdominal-wall defects [Dayton] 954 (Au)
Inflammation
both inflammatory and endocrine mediators stimulate host responses to sepsis [Watters] 179 (Fe)
intestinal bacteria translocate into experimental intra-abdominal abscesses [Wells] 102 (Ja)
posttraumatic complications and inflammatory mediators [Nuytinck] 886 (Au)
surgical management of necrotizing pancreatitis [Wertheimer] 484 (Ap)
Information Retrieval Systems see Information Systems
Information Storage and Retrieval see Information Systems
Information Systems
MEDIS, new strategic option for acquiring medical information— electronically [Harris] 1113 (Oc)
Infusions, Intra-Arterial
use of implantable chemoinfusion pump in treatment of hepatic metastases of colorectal cancer [Ramming] 1440 (De)
Infusions, Parenteral
effect of indomethacin on muscle and liver protein synthesis and on whole-body protein degradation during abdominal sepsis in rat [Freund] 1154 (Oc)
intra-arterial fibrinolytic therapy, efficacy of streptokinase vs urokinase [Belkin] 769 (Jy)
intra-arterial infusion of doxorubicin with degradable starch microspheres, improvement of hepatic tumor drug uptake [Sigurdson] 1277 (No)
intravenous hydrochloric acid in patients with metabolic alkalosis and hypercapnia [Worthley] 1195 (Oc)
necrotizing fasciitis [Gozal] 233 (Fe)
serum kinetics of intraperitoneal moxalactam [Fry] 282 (Mr)
Inguinal Canal
inguinal darn [Lifschutz] 717 (Je)
Inguinal Hernia see Hernia, Inguinal
Injections, Sclerosing see Sclerosing Solutions
Injuries, Nonpenetrating see Wounds, Nonpenetrating
Insulin
β-adrenergic blockade increases hepatic extraction of glucose in sepsis [Caruana] 319 (Mr)
both inflammatory and endocrine mediators stimulate host responses to sepsis [Watters] 179 (Fe)
modulation of estrogen receptor by, and its biologic significance [Chaudhuri] 1322 (No)
Intensive Care Units
effects of environment on infection in burn patients [Shirani] 31 (Ja)
Interleukin 2 see Mitogenic Factors, Lymphocyte
Intestinal Diseases
intestinal bacteria translocate into experimental intra-abdominal abscesses [Wells] 102 (Ja)
traumatic mesenteric arteriovenous fistula presenting as superior mesenteric artery syndrome [Reed] 1209 (Oc)
Intestinal Mucosa
colonic epithelial impedance analysis in murine model of large-bowel cancer [Davies] 1253 (No)
intestinal bacteria translocate into experimental intra-abdominal abscesses [Wells] 102 (Ja)
thermal injury promotes bacterial translocation from gastrointestinal tract in mice with impaired T-cell-mediated immunity [Deitch] 97 (Ja)
Intestinal Neoplasms
colonic epithelial impedance analysis in murine model of large-bowel cancer [Davies] 1253 (No)
Intestinal Obstruction
changing aspects of radiation enteropathy (letter) [Braslow] 1212 (Oc)
of peritoneal carcinomatosis, strategy for [McCarthy] 1081 (Se)
retroperitoneal approach to high-risk abdominal aortic aneurysms [Shepard] 444 (Ap)
subcutaneous positioning of high-risk colonic anastomosis and colonic lesions (letter) [Blanco-Benavides] 974 (Au)
Intestine, Large
colonic epithelial impedance analysis in murine model of large-bowel cancer [Davies] 1253 (No)
Intestine, Small
changing aspects of radiation enteropathy (letter) [Braslow] 1212 (Oc)
efficacy of short-course antibiotic prophylaxis after penetrating intestinal injury, prospective randomized trial [Dellinger] 23 (Ja)
intra-abdominal surgery in patients with advanced cirrhosis [Aranha] 275 (Mr)
strategy for intestinal obstruction of peritoneal carcinomatosis [McCarthy] 1081 (Se)
Intestines
perianal fistulas in patients with Crohn's disease [van Dongen] 1187 (Oc)
scheduled reoperations (etappenlavage) for diffuse peritonitis [Teichmann] 147 (Fe)
Intraoperative Period see Surgery, Operative
Intravenous Infusions see Infusions, Parenteral
Iodides
long-acting β-adrenergic antagonists as preparation for
Iodides—Continued
surgery in thyrotoxicosis [Gerst] 838 (Jy)
Irrigation
closure of abdominal incisions with subcutaneous catheters, prospective randomized trial [Farnell] 641 (Je)
decreasing incidence of surgical wound infections, validation of surveillance-notification program [Mead] 458 (Ap)
scheduled reoperations (etappenlavage)
for diffuse peritonitis [Teichmann] 147 (Fe)
serum kinetics of intraperitoneal moxalactam [Fry] 282 (Mr)
Ischemia
gastrointestinal complications after cardiac surgery [Welling] 1178 (Oc)
results of arterial reconstruction of foot [Buchbinder] 673 (Je)
right ventricular sensitivity to metabolic injury during cardio-pulmonary bypass [Morris] 338 (Mr)
sigmoid, prediction of development of, on day of aortic operations, indirect measurements of intramural pH in colon [Fiddian-Green] 654 (Je)
successful vein bypass in patients with ischemic limb and palpable popliteal pulse [Cantelmo] 217 (Fe)
superior temporary shunt for management of vascular trauma of extremity (letter) [Howe] 1212 (Oc)
totally autogenous venovenous composite bypass grafts, salvage of almost irretrievable extremity [Harris] 1128 (Oc)
traumatic mesenteric arteriovenous fistula presenting as superior mesenteric artery syndrome [Reed] 1209 (Oc)
Ischemic Heart Disease see Coronary Disease

J

Jaundice
hepatic coma resulting from diaphragmatic rupture and hepatic herniation [Negre] 950 (Au)
intra-abdominal surgery in patients with advanced cirrhosis [Aranha] 275 (Mr)
peritoneoscopy in extrahepatic abdominal diseases [Kriplani] 818 (Jy)
Jejunum
description of continent jejunal gastrostomy [Waxman] 1121 (Oc)
jejunostomy, indicated procedure? (letters) [Andrassy, Sriram] 1095 (Se)
jejunostomy, rarely indicated procedure [Adams] 236 (Fe)
knotty problem with feeding jejunostomy tube (letter) [Butsch] 736 (Je)
new method for biliary tract reconstruction for primary bile duct stones [Tsou-Hsin] 720 (Je)
Jurisprudence
who is captain of anesthesia ship? [Modell] 753 (Jy)

K

Kallikrein
antithrombin, prekallikrein, and fibronectin levels in surgical patients [Wilson] 635 (Je)
Kaposi's Sarcoma see Sarcoma, Kaposi's
Kidney
multiple-organ-failure syndrome [Carrico] 196 (Fe)
pulmonary infections, Minnesota randomized prospective trial of cyclosporine vs azathioprine-antilymphocyte globulin for immunosuppression in renal allograft recipients [Hesse] 1056 (Se)
Kidney Failure, Chronic
double-lumen, silicone rubber, indwelling venous catheters, new modality for angioaccess [Schanzer] 229 (Fe)
five-year experience with bovine heterograft for vascular access [Brems] 941 (Au)
Kidney Neoplasms
intraoperative autotransfusion in urologic oncology [Klimberg] 1326 (No)
Kidney Transplantation
aseptic hip necrosis after renal transplantation [Brazil] 803 (Jy)
Kinetics
of peritoneal clearance of *Escherichia coli* and *Bacteroides fragilis* and participating defense mechanisms [Skau] 1033 (Se)
serum, of intraperitoneal moxalactam [Fry] 282 (Mr)
Klebsiella Infections
treatment of pyogenic hepatic abscesses, surgical vs percutaneous drainage [Bertel] 554 (My)
Klebsiella pneumoniae
immunotherapy of gram-negative bacterial sepsis, single murine monoclonal antibody provides cross-genera protection [Dunn] 58 (Ja)
Klippel-Trenaunay Disease see Angiomatosis
Kupffer Cells
macrophage-mediated modulation of hepatocyte protein synthesis, effect of dexamethasone [Keller] 1199 (Oc)

L

Laparoscopy see Peritoneoscopy
Laparotomy
acute appendicitis in women of childbearing age [Nakhgevany] 1053 (Se)
chylous ascites following resection of ruptured abdominal aneurysm, treatment with peritoneovenous shunt [Sarazin] 246 (Fe)

Laparotomy—Continued
comparison of staging methods for Hodgkin's disease in children [Lally] 1125 (Oc)
continuous absorbable vs interrupted nonabsorbable fascial closure, prospective, randomized comparison [McNeill] 821 (Jy)
correlation of response time and results of abdominal gunshot wounds [Fiedler] 902 (Au)
hepatic coma resulting from diaphragmatic rupture and hepatic herniation [Negre] 950 (Au)
'noninvasive' treatment of esophagogastric anastomotic leakage (letter) [Ofek] 124 (Ja)
oophoropexy and management of Hodgkin's disease, reevaluation of risks and benefits [Gabriel] 1083 (Se)
ovarian carcinoma, significance of restaging laparotomies with negative outcomes [Potkul] 1262 (No)
peritoneoscopy in extrahepatic abdominal diseases [Kriplani] 818 (Jy)
pitfalls in preoperative diagnosis of endometriosis (letter) [Ziv] 367 (Mr)
scheduled reoperations (etappenlavage) for diffuse peritonitis [Teichmann] 147 (Fe)
Larynx
multiple malignancies of lung and head and neck, second primary tumor or metastasis? [Lefor] 265 (Mr)
Lasers
comparison of laser-welded and sutured arteriotomies [White] 1133 (Oc)
endoscopic, therapy of malignant esophageal obstruction [Pietrafitta] 395 (Ap)
neodymium-YAG, new palliative tool in treatment of colorectal cancer [Russin] 1399 (De)
welding of venotomies [White] 905 (Au)
Lavage see Irrigation
Legislation, Medical
host-opportunist interactions in surgical infection, presidential address before 5th annual meeting of Surgical Infection Society [Pruitt] 13 (Ja)
Length of Stay
discharge within 24 hours of elective cholecystectomy, first 100 patients [Moss] 1159 (Oc)
hospital stay following biliary tract surgery, comparison of 2 community hospitals [Luna] 693 (Je); correction, 1419 (De)
impact of prospective reimbursement on trauma centers, alternative payment plan [Jacobs] 479 (Ap)
total cholecystectomy utilization by diagnosis related group [Lagoe] 1006 (Se)
Leucine
clinical use of branched-chain amino acids in liver disease, sepsis, trauma, and burns [Sax] 358 (Mr)
Leukemia
acute, neutropenic enterocolitis in adults with [Mower] 571 (My)
Leukocytes
aggregation response to quantitative plasma levels of C3a and C5a [Williams] 305 (Mr)
bacteroides by-product inhibits human polymorphonuclear leukocyte function [Rotstein] 82 (Ja)
posttraumatic complications and inflammatory mediators [Nuytinck] 886 (Au)
susceptibility to bacterial sepsis, accurate measurement by delayed-type hypersensitivity skin test score [Tchervenkov] 27 (Ja)
Leukocytes, Polymorphonuclear see Neutrophils
Leveen Shunt see Peritoneovenous Shunt
Libraries, Medical
MEDIS, new strategic option for acquiring medical information— electronically [Harris] 1113 (Oc)
Ligation
alterations in exogenous substrate metabolism in sepsis [Fried] 173 (Fe)
Limbs see Extremities
Linoleic Acids
nutrition and infection, new perspectives for old problem [Alexander] 966 (Au)
Lipids
nutrition and infection, new perspectives for old problem [Alexander] 966 (Au)
Lipopolysaccharides
immunotherapy of gram-negative bacterial sepsis, single murine monoclonal antibody provides cross-genera protection [Dunn] 58 (Ja)
Liver
hepatic coma resulting from diaphragmatic rupture and hepatic herniation [Negre] 950 (Au)
multiple-organ-failure syndrome [Carrico] 196 (Fe)
protein synthesis, effect of indomethacin on whole-body protein degradation and on muscle and, during abdominal sepsis in rat [Freund] 1154 (Oc)
transplantation, Boston Center for, (BCLT), initial experience of new surgical consortium [Jenkins] 424 (Ap)
Liver Abscess
treatment of pyogenic hepatic abscesses, surgical vs percutaneous drainage [Bertel] 554 (My)
Liver Cirrhosis
intra-abdominal surgery in patients with advanced cirrhosis [Aranha] 275 (Mr)
LeVeen vs Denver peritoneovenous shunts for intractable ascites of cirrhosis, randomized, prospective trial [Fulenwider] 351 (Mr)
segmental hepatic resection utilizing ultrasonic dissector [Andrus] 515 (My)
splenic aneurysm rupture in cirrhotics (letter) [Pomerantz] 1095 (Se)
Liver Diseases
clinical use of branched-chain amino acids in sepsis, trauma, burns and [Sax] 358 (Mr)
Liver Extracts
β-adrenergic blockade increases hepatic extraction of glucose in sepsis [Caruana] 319 (Mr)
Liver Function Tests
macrophage-mediated modulation of hepatocyte protein synthesis, effect of dexamethasone [Keller] 1199 (Oc)
Liver Neoplasms
choice between conservative and radical surgery in cancer in upper abdomen [Smith] 391 (Ap)
hepatocellular carcinoma presenting with intractable diarrhea, radiologic-pathologic correlation [Steiner] 849 (Jy)
intra-arterial infusion of doxorubicin with degradable starch microspheres, improvement of hepatic tumor drug uptake [Sigurdson] 1277 (No)
intraperitoneal administration of interleukin-2 in patients with cancer [Lotze] 1373 (De)
papillary cystic epithelial neoplasms of pancreas, clinical study of 4 cases [Rustin] 1073 (Se)
second hepatoma developing 13 years after resection of first tumor [Ackerman] 726 (Je)
tumor DNA content in primary and metastatic colorectal carcinoma [Kokal] 1434 (De)
tumoricidal effects and patient survival after hyperthermic liver perfusion [Skibba] 1266 (No)
use of implantable chemoinfusion pump in treatment of hepatic metastases of colorectal cancer [Ramming] 1440 (De)
Lung Diseases
pulmonary infections, Minnesota randomized prospective trial of cyclosporine vs azathioprine-antilymphocyte globulin for immunosuppression in renal allograft recipients [Hesse] 1056 (Se)
Lung Neoplasms
continuous intrasplenic interleukin-2 combined with antigen-specific chemoimmunotherapy [Naito] 1414 (De)
multiple malignancies of lung and head and neck, second primary tumor or metastasis? [Lefor] 265 (Mr)
resection of recurrent pulmonary metastases in patients with soft-tissue sarcomas [Rizzoni] 1248 (No)
Lymph Node Excision
role of modified neck dissection in treatment of cutaneous melanoma of head and neck [Byers] 1338 (No)
Lymphatic Metastasis
intraductal carcinoma, analysis of presentation, pathologic findings, and outcome of disease [Schuh] 1303 (No)
suppressor cell activities in autologous human tumor systems, suppression of tumor immunity [Mukherji] 1404 (De)
Lymphocyte Activation see Lymphocyte Transformation
Lymphocyte Mitogenic Factor see Mitogenic Factors, Lymphocyte
Lymphocyte Transformation
macrophage-mediated modulation of hepatocyte protein synthesis, effect of dexamethasone [Keller] 1199 (Oc)
Lymphocytes
biologic control of cancer, James Ewing lecture [Baker] 1237 (No)
intraperitoneal administration of interleukin-2 in patients with cancer [Lotze] 1373 (De)
prevention of posttraumatic alterations in lymphocyte subpopulations in mice by immunomodulating drugs [Zapata-Sirvent] 116 (Ja)
T-Lymphocytes, Suppressor see Suppressor Cells
Lymphoma
neutropenic enterocolitis in adults with acute leukemia [Mower] 571 (My)
Lysosomes
degranulation inhibition, potential mechanism for control of neutrophil superoxide production in sepsis [Solomkin] 77 (Ja)

M

Macrophages
biologic control of cancer, James Ewing lecture [Baker] 1237 (No)
effect of transfusion on immune function in traumatized animal model [Waymack] 50 (Ja)
influence of dietary nucleotide restriction on bacterial sepsis and phagocytic cell function in mice [Kulkarni] 169 (Fe)
macrophage-mediated modulation of hepatocyte protein synthesis, effect of dexamethasone [Keller] 1199 (Oc)
Magnetic Resonance see Nuclear Magnetic Resonance
Malnutrition see Nutrition Disorders
Malpractice
who is captain of anesthesia ship? [Modell] 753 (Jy)
Mammary Glands see Breast
Mammary Neoplasms, Experimental
polar solvents in chemoprevention of dimethylbenzathracene-induced rat mammary cancer [McCabe] 1455 (De)
Mammography
changing mammogram, primary indication for needle localization biopsy [Wilhelm] 1311 (No)
how effective is adjuvant cancer chemotherapy? Lucy Wortham James Clinical Research Award [James] 1233 (No)
intraductal carcinoma, analysis of presentation, pathologic findings, and outcome of disease [Schuh] 1303 (No)
of women with suspicious breast lumps [Young] 807 (Jy)
Manometry
acetylcholinesterase and, in diagnosis of constipated child [Ikawa] 435 (Ap)
radionuclide esophageal screening transit, screening test for esophageal disorders [Netscher] 843 (Jy)
Manuscripts
ARCHIVES OF SURGERY, consultants for November 1984-October 1985, 123 (Ja)
recommendations to obtain better medical illustrations (letter) [Pearl] 124 (Ja)
Marketing of Health Services
lost sheep, presidential address before annual meeting of New England Surgical Society [Braasch] 385 (Ap)
Mastectomy
angiosarcoma of breast [Rainwater] 669 (Je)
breast cancer risk analysis (letter) [Kelly] 973 (Au)
extent of axillary dissection preceding irradiation for carcinoma of breast [Schwartz] 1395 (De)
how effective is adjuvant cancer chemotherapy? Lucy Wortham James Clinical Research Award [James] 1233 (No)
intraductal carcinoma, analysis of presentation, pathologic findings, and outcome of disease [Schuh] 1303 (No)
lumpectomy vs, costs of breast preservation for cancer [Muñoz] 1297 (No)
multimodal therapy for locally advanced breast cancer [Morrow] 1291 (No)
one-stage simple, with immediate reconstruction for high-risk patients, improved technique: biologic basis for ductal-glandular mastectomy [Bland] 221 (Fe)
Mathematics
clinical surgeons who write, pride, prejudice, and responsibility, presidential address before annual meeting of Western Surgical Association [Adson] 509 (My)
Mediastinum
esophagogastrectomy with use of single gastrotomy for pyloromyectomy and insertion of EEA stapler and gastrostomy tube [Shiu] 961 (Au)
'noninvasive' treatment of esophagogastric anastomotic leakage (letter) [Ofek] 124 (Ja)
prevention of postoperative pericardial adhesions, animal study [Vander Salm] 462 (Ap)
Medical Centers, Academic see Academic Medical Centers
Medical Centers, University see Academic Medical Centers
Medical Illustration
recommendations to obtain better (letter) [Pearl] 124 (Ja)
Medical Oncology
role of surgical oncologist in community hospital, presidential address before annual meeting of Society of Surgical Oncology [Dembrow] 1231 (No)
surgical oncology in university departments of surgery in United States [Lawrence] 1088 (Se)
Medicine
avoiding 'gold standard' (letter) [Schwartz] 973 (Au)
MEDIS
new strategic option for acquiring medical information—electronically [Harris] 1113 (Oc)
Melanoma
cutaneous, of head and neck, role of modified neck dissection in treatment of [Byers] 1338 (No)
intraperitoneal administration of interleukin-2 in patients with cancer [Lotze] 1373 (De)
serial determinations of, tumor-associated antigen and antibody in patients with stage I [Wong] 1342 (No)
tumoricidal effects and patient survival after hyperthermic liver perfusion [Skibba] 1266 (No)
Menopause
how effective is adjuvant cancer chemotherapy? Lucy Wortham James Clinical Research Award [James] 1233 (No)
Menstruation
oophoropexy and management of Hodgkin's disease, reevaluation of risks and benefits [Gabriel] 1083 (Se)
Mesenteric Lymphadenitis
thermal injury promotes bacterial translocation from gastrointestinal tract in mice with impaired T-cell-mediated immunity [Deitch] 97 (Ja)
Metabolic Diseases
intravenous hydrochloric acid in patients with metabolic alkalosis and hypercapnia [Worthley] 1195 (Oc)
Metabolism
both inflammatory and endocrine mediators stimulate host responses to sepsis [Watters] 179 (Fe)
exogenous substrate, alterations in, in sepsis [Fried] 173 (Fe)
multiple-organ-failure syndrome [Carrico] 196 (Fe)
pregnancy as predisposing factor in thyroid neoplasia [Rosen] 1287 (No)
protein, in different types of skeletal muscle during early and late sepsis in rats [Hasselgren] 918 (Au)
Methylcholanthrene
continuous intrasplenic interleukin-2 combined with antigen-specific chemoimmunotherapy [Naito] 1415 (De)
Methylhydrazines
chemoprevention of colorectal neoplasms, ascorbic acid and β-carotene [Colacchio] 1421 (De)
colonic epithelial impedance analysis in murine model of large-bowel cancer [Davies] 1253 (No)
transmural electrical potential difference as early marker in colon cancer [Goller] 345 (Mr)
Methylprednisolone
prevention of postoperative pericardial adhesions, animal study [Vander Salm] 462 (Ap)
Metronidazole
effect of antibiotics and sedatives on normal neutrophil nicotinamide-adenine dinucleotide phosphate-reduced

Metronidazole—Continued
oxidase activity [Moon] 73 (Ja)
Mice
prevention of posttraumatic alterations in lymphocyte subpopulations in, by immunomodulating drugs [Zapata-Sirvent] 116 (Ja)
thermal injury promotes bacterial translocation from gastrointestinal tract in mice with impaired T-cell-mediated immunity [Deitch] 97 (Ja)
Mice, Inbred Strains
colonic epithelial impedance analysis in murine model of large-bowel cancer [Davies] 1253 (No)
Microcomputers see Computers
Microscopy, Electron
changing patterns in vascular form of Ehlers-Danlos syndrome [Gertsch] 1061 (Se)
Microscopy, Electron, Scanning
efficacy of tissue plasminogen activator and urokinase in canine model of prosthetic graft thrombosis [Curl] 782 (Jy)
mucin production by *Staphylococcus epidermidis*, virulence factor promoting adherence to vascular grafts [Schmitt] 89 (Ja)
Microspheres
degradable starch, intra-arterial infusion of doxorubicin with, improvement of hepatic tumor drug uptake [Sigurdson] 1277 (No)
Microtomy
increased expression of epidermal growth factor receptor on human colon carcinoma cells [Bradley] 1242 (No)
pitfalls in preoperative diagnosis of endometriosis (letter) [Ziv] 367 (Mr)
right ventricular sensitivity to metabolic injury during cardiopulmonary bypass [Morris] 338 (Mr)
Minicomputers see Computers
Mitochondria
inhibition of rat colon tumor isograft growth with dequalinium chloride [Bleday] 1272 (No)
Mitochondria, Heart
mitochondrial and myocardial performance, response to ischemia and reperfusion [Weinstein] 324 (Mr)
right ventricular sensitivity to metabolic injury during cardiopulmonary bypass [Morris] 338 (Mr)
Mitogenic Factors, Lymphocyte
abnormalities of antibody production after thermal injury, association with reduced interleukin 2 production [Wood] 108 (Ja)
continuous intrasplenic interleukin-2 combined with antigen-specific chemoimmunotherapy [Naito] 1415 (De)
intraperitoneal administration of interleukin-2 in patients with cancer [Lotze] 1373 (De)
suppressor cell activities in autologous human tumor systems, suppression of tumor immunity [Mukherji] 1404 (De)
Mitomycins
improved survival in epidermoid carcinoma of anus in association with preoperative multidisciplinary therapy [Enker] 1386 (De)
improved survival in squamous esophageal cancer, preoperative chemotherapy and radiation [Popp] 1330 (No)
Mitral Valve
fate of left-sided cardiac bioprosthesis valves in children [Kopf] 488 (Ap)
prosthetic, suture technique in preventing dehiscence of [Stiles] 1136 (Oc)
Monocytes
depression of cellular immunity after major injury, association with posttraumatic complications and its reversal with immunomodulation [Faist] 1000 (Se)
Mortality
association of burn, and bacteremia, 25-year review [Mason] 1027 (Se)
Movement Disorders
radionuclide esophageal screening transit, screening test for esophageal disorders [Netacher] 843 (Jy)
Moxalactam
intraperitoneal, serum kinetics of [Fry] 282 (Mr)
single-antibiotic use for penetrating abdominal trauma [Nelson] 153 (Fe)
Mucins
production of, by *Staphylococcus epidermidis*, virulence factor promoting adherence to vascular grafts [Schmitt] 89 (Ja)
Multiple Myeloma
neutropenic enterocolitis in adults with acute leukemia [Mower] 571 (My)
Multiple Organ Failure
posttraumatic complications and inflammatory mediators (Nuytinck] 886 (Au)
sepsis without bacteria and, experimental model [Goris] 897 (Au)
syndrome [Carrico] 196 (Fe)
Muramyl Dipeptide see Acetylmuramyl-Alanyl-Isoglutamine
Muscle Proteins
effect of indomethacin on muscle and liver protein synthesis and on whole-body protein degradation during abdominal sepsis in rat [Freund] 1154 (Oc)
Muscles
skeletal, protein metabolism in different types of, during early and late sepsis in rats [Hasselgren] 918 (Au)
Muscular Atrophy
anterior scalene muscle in thoracic outlet compression syndrome, histochemical and morphometric studies [Machleder] 1141 (Oc)
Myocardial Contraction
octothermic philosophy of acid-base balance to prevent fibrillation during hypothermia [Kroncke] 303 (Mr)
Myocardial Infarction
aortic reconstruction vs extra-anatomic bypass and angioplasty, thoughts on evolving protocol for selection [Bunt] 1166 (Oc)
application of clinically valid cardiac risk factors to aortic aneurysm surgery [Yeager] 278 (Mr)
Myocardial Mitochondria see Mitochondria, Heart

N

National Center for Health Statistics (US) see United States Public Health Service
Neck Neoplasms see Head and Neck Neoplasms
Necrosis
necrotizing fasciitis [Gozal] 233 (Fe)
surgical management of necrotizing pancreatitis [Wertheimer] 484 (Ap)
Necrosis, Aseptic, of Bone see Osteonecrosis
Neodymium
endoscopic laser therapy of malignant esophageal obstruction [Pietrafitta] 395 (Ap)
laser welding of venotomies [White] 905 (Au)
neodymium-YAG laser, new palliative tool in treatment of colorectal cancer [Russin] 1399 (De)
Neoplasm Antibodies see Antibodies, Neoplasm
Neoplasm, Circulating Cells
serial determinations of melanoma tumor-associated antigen and antibody in patients with stage I melanoma [Wong] 1342 (No)
Neoplasm Metastasis
angiosarcoma of breast [Rainwater] 669 (Je)
changing aspects of radiation enteropathy (letter) [Braslow] 1212 (Oc)
changing mammogram, primary indication for needle localization biopsy [Wilhelm] 1311 (No)
choice between conservative and radical surgery in cancer in upper abdomen [Smith] 391 (Ap)
colonic epithelial impedance analysis in murine model of large-bowel cancer [Davies] 1253 (No)
colonoscopy after curative resection of colorectal cancer [Larson] 535 (My)
continuous intrasplenic interleukin-2 combined with antigen-specific chemoimmunotherapy [Naito] 1415 (De)
doxorubicin chemotherapy in treatment of soft-tissue sarcoma, combined results of 2 randomized trials [Wilson] 1354 (No)
effects of gastrin, glutamine, and somatostatin on in vitro growth of normal and malignant human gastric mucosal cells [Moyer] 285 (Mr)
effects of parenteral nutrition on cell cycle kinetics of head and neck cancer [Baron] 1282 (No)
effects of perioperative fluorouracil administration on convalescence and wound healing [Klausner] 239 (Fe)
efficacy of magnetic resonance imaging in 139 children with tumors [Cohen] 522 (My)
endoscopic laser therapy of malignant esophageal obstruction [Pietrafitta] 395 (Ap)
intraoperative autotransfusion in urologic oncology [Klimberg] 1326 (No)
intraperitoneal administration of interleukin-2 in patients with cancer [Lotze] 1373 (De)
mammography of women with suspicious breast lumps [Young] 807 (Jy)
metastasis to choroid of eye from carcinoma of breast (letter) [Goldman] 973 (Au)
multiple malignancies of lung and head and neck, second primary tumor or metastasis? [Lefor] 265 (Mr)
ovarian carcinoma, significance of restaging laparotomies with negative outcomes [Potkul] 1262 (No)
papillary cystic epithelial neoplasms of pancreas, clinical study of 4 cases [Rustin] 1073 (Se)
preoperative radiation therapy for rectal cancer, effective therapy in need of clinical trial [Fortier] 1380 (De)
resection of recurrent pulmonary metastases in patients with soft-tissue sarcomas [Rizzoni] 1248 (No)
role of modified neck dissection in treatment of cutaneous melanoma of head and neck [Byers] 1338 (No)
serial determinations of melanoma tumor-associated antigen and antibody in patients with stage I melanoma [Wong] 1342 (No)
suppressor cell activities in autologous human tumor systems, suppression of tumor immunity [Mukherji] 1404 (De)
thickness as prognostic aid in upper aerodigestive tract cancer [Moore] 1410 (De)
treated histories of patients with Ta grade 1 transitional-cell carcinoma of bladder [Prout] 1460 (De)
tumor DNA content in primary and metastatic colorectal carcinoma [Kokal] 1434 (De)
tumoricidal effects and patient survival after hyperthermic liver perfusion [Skibba] 1266 (No)
use of implantable chemoinfusion pump in treatment of hepatic metastases of colorectal cancer [Ramming] 1440 (De)
Neoplasm Staging
changes in treatment of rectal carcinoma and effects on local recurrence [Odou] 1114 (Oc)
comparison of staging methods for Hodgkin's disease in children [Lally] 1125 (Oc)
efficacy of magnetic resonance imaging in 139 children with tumors [Cohen] 522 (My)
improved survival in epidermoid carcinoma of anus in association with preoperative multidisciplinary therapy [Enker] 1386 (De)
improved survival in squamous esophageal cancer, preoperative chemotherapy and radiation [Popp] 1330 (No)
oophoropexy and management of Hodgkin's disease, reevaluation of risks and benefits [Gabriel] 1083 (Se)
Neoplasm Staging—Continued
ovarian carcinoma, significance of restaging laparotomies with negative outcomes [Potkul] 1262 (No)
preoperative radiation therapy for rectal cancer, effective therapy in need of clinical trial [Fortier] 1380 (De)
thickness as prognostic aid in upper aerodigestive tract cancer [Moore] 1410 (De)
Neoplasms
biologic control of cancer, James Ewing lecture [Baker] 1237 (No)
continuous intrasplenic interleukin-2 combined with antigen-specific chemoimmunotherapy [Naito] 1415 (De)
intraoperative probe-directed immunodetection using monoclonal antibody [O'Dwyer] 1391 (De)
multiple granular cell tumors, familial occurrence in children [Rifkin] 945 (Au)
role of surgical oncologist in community hospital, presidential address before annual meeting of Society of Surgical Oncology [Dembrow] 1231 (No)
Neoplasms, Connective Tissue
localized, operable soft tissue sarcoma of lower extremity [Collin] 1425 (De)
Neoplasms, Multiple Primary
multiple malignancies of lung and head and neck, second primary tumor or metastasis? [Lefor] 265 (Mr)
Nephrectomy
intraoperative autotransfusion in urologic oncology [Klimberg] 1326 (No)
Nerve Transmitter Substances see Neuroregulators
Neuroregulators
regional brain amino acid and neurotransmitter derangements during abdominal sepsis and septic encephalopathy in rat, effect of amino acid infusions [Freund] 209 (Fe)
Neurotransmitters see Neuroregulators
Neutropenia see Agranulocytosis
Neutrophils
bacteroides by-product inhibits human polymorphonuclear leukocyte function [Rotstein] 82 (Ja)
degranulation inhibition, potential mechanism for control of neutrophil superoxide production in sepsis [Solomkin] 77 (Ja)
effect of antibiotics and sedatives on normal neutrophil nicotinamide-adenine dinucleotide phosphate-reduced oxidase activity [Moon] 73 (Ja)
murine, migration during course of intra-abdominal abscess [Lineaweaver] 797 (Jy)
normal, trauma serum suppresses superoxide production by [Lanser] 157 (Fe)
New England Society for Vascular Surgery
12 annual meeting, Whitefield NH, Oct 10-12, 1985, papers read before, 754-788 (Jy)
New England Surgical Society
lost sheep, presidential address [Braasch] 385 (Ap)
66th annual meeting, Dixville Notch, NH, Oct 11-13, 1985, papers read before, 385-490 (Ap)
Nipples see Breast
Nitrogen
prophylaxis against radiation injury, use of elemental diet prior to and during radiotherapy for invasive bladder cancer and in early postoperative feeding following radical cystectomy and ileal conduit [McArdle] 879 (Au)
NMR Tomography see Nuclear Magnetic Resonance
Nose
'noninvasive' treatment of esophagogastric anastomotic leakage (letter) [Ofek] 124 (Ja)
Nosocomial Infections see Cross Infection
Nuclear Magnetic Resonance
imaging, efficacy of, in 139 children with tumors [Cohen] 522 (My)
Nucleotides
dietary, restriction, influence of, on bacterial sepsis and phagocytic cell function in mice [Kulkarni] 169 (Fe)
Nutrition
infection and, new perspectives for old problem [Alexander] 966 (Au)
Nutrition Disorders
chylous ascites following resection of ruptured abdominal aneurysm, treatment with peritoneovenous shunt [Sarazin] 246 (Fe)
effects of parenteral nutrition on cell cycle kinetics of head and neck cancer [Baron] 1282 (No)
energy expenditure in malnourished patients with colorectal cancer [Dempsey] 789 (Jy)
Nutritive Value
alterations in exogenous substrate metabolism in sepsis [Fried] 173 (Fe)
Nylons
inguinal darn [Lifachutz] 717 (Je)

O

Obesity
continuous absorbable vs interrupted nonabsorbable fascial closure, prospective, randomized comparison [McNeill] 821 (Jy)
Oncogenes
effects of gastrin, glutamine, and somatostatin on in vitro growth of normal and malignant human gastric mucosal cells [Moyer] 285 (Mr)
Oncology, Medical see Medical Oncology
Organ Failure, Multiple see Multiple Organ Failure
Organ Preservation
Boston Center for Liver Transplantation (BCLT), initial experience of new surgical consortium [Jenkins] 424 (Ap)

Osteonecrosis
aseptic hip necrosis after renal transplantation [Brazil] 803 (Jy)
Ovarian Neoplasms
abdominal incisions and staging in ovarian cancer [McGowan] 800 (Jy)
ovarian carcinoma, significance of restaging laparotomies with negative outcomes [Potkul] 1262 (No)
Ovary
oophoropexy and management of Hodgkin's disease, reevaluation of risks and benefits [Gabriel] 1083 (Se)
Oximetry
continuous mixed venous, in critically ill surgical patients, 'high-tech' cost-effectiveness [Orlando] 470 (Ap)
Oxygen
as antibiotic, comparison of effects of inspired oxygen concentration and antibiotic administration on in vivo bacterial clearance [Knighton] 191 (Fe)
monitoring, noninvasive conjunctival, during carotid endarterectomy [Kram] 914 (Au)
Oxygen Deficiency see Anoxia

P

Paget's Disease of Breast see Carcinoma, Ductal
Pain
discharge within 24 hours of elective cholecystectomy, first 100 patients [Moss] 1159 (Oc)
management of bile duct cysts in adults [Deziel] 410 (Ap)
radiologic diagnosis of intra-abdominal abscess, do multiple tests help? [Dobrin] 41 (Ja)
Pancreas
acid and gastrin levels following pyloric-preserving pancreaticoduodenectomy [Pearlman] 661 (Je)
Pancreatectomy
pancreatic cancer, adjuvant combined radiation and chemotherapy following curative resection [Kalser] 120: 899; correction, 121:1045 (Se)
Pancreatic Neoplasms
choice between conservative and radical surgery in cancer in upper abdomen [Smith] 391 (Ap)
pancreatic cancer, adjuvant combined radiation and chemotherapy following curative resection [Kalser] 120: 899; correction, 121:1045 (Se)
papillary cystic epithelial neoplasms of pancreas, clinical study of 4 cases [Rustin] 1073 (Se)
Pancreatitis
acute, vasoactive properties of ascitic fluid in, in porcine model [Innes] 665 (Je)
gallstone acute, prospective study of ERCP and endoscopic sphincterotomy in diagnosis and treatment of, rational and safe approach to management [Neoptolemos] 697 (Je)
massive arterial hemorrhage in patients with, complementary roles of surgery and transcatheter occlusive techniques [Waltman] 439 (Ap)
necrotizing, surgical management of [Wertheimer] 484 (Ap)
Pancreatopeptidase
posttraumatic complications and inflammatory mediators [Nuytinck] 886 (Au)
Parathyroid Hormones
assay, unreliable and overused [Broughan] 841 (Jy)
Parenteral Feeding
knotty problem with feeding jejunostomy tube (letter) [Butsch] 736 (Je)
postoperative enteral vs parenteral nutrition, randomized controlled trial [Bower] 1040 (Se)
sepsis from triple- vs single-lumen catheters during total parenteral nutrition in surgical or critically ill patients [Pemberton] 591 (My)
Parenteral Infusions see Infusions, Parenteral
Partial Thromboplastin Time
single-antibiotic use for penetrating abdominal trauma [Nelson] 153 (Fe)
Patency, Vascular Graft see Graft Occlusion, Vascular
Pediatrics
efficacy of magnetic resonance imaging in 139 children with tumors [Cohen] 522 (My)
Peer Review
surgical oncology in university departments of surgery in United States [Lawrence] 1088 (Se)
Pelvic Inflammatory Disease see Adnexitis
Penicillin G
effect of antibiotics and sedatives on normal neutrophil nicotinamide-adenine dinucleotide phosphate-reduced oxidase activity [Moon] 73 (Ja)
Penile Erection
deep-penile-vein arterialization for arterial and venous impotence [Balko] 774 (Jy)
Penis
deep-penile-vein arterialization for arterial and venous impotence [Balko] 774 (Jy)
Peptic Ulcer
forskolin (cyclic adenosine monophosphate)-dependent protein phosphorylation in isolated gastric glands [Modlin] 330 (Mr)
Peptides
hepatocellular carcinoma presenting with intractable diarrhea, radiologic-pathologic correlation [Steiner] 849 (Jy)
increased expression of epidermal growth factor receptor on human colon carcinoma cells [Bradley] 1242 (No)
Perfusion
can ventilation-perfusion scans accurately diagnose acute pulmonary embolism? [McBride] 754 (Jy)
hyperthermic liver, tumoricidal effects and patient survival after [Skibba] 1266 (No)
Perfusion—Continued
mitochondrial and myocardial performance, response to ischemia and reperfusion [Weinstein] 324 (Mr)
noninvasive conjunctival oxygen monitoring during carotid endarterectomy [Kram] 914 (Au)
Perianal Glands
perianal fistulas in patients with Crohn's disease [van Dongen] 1187 (Oc)
Pericardium
prevention of postoperative pericardial adhesions, animal study [Vander Salm] 462 (Ap)
Peritoneal Cavity
effect of heparin and heparin fractions on experimental abscess formation [Prinz] 1173 (Oc)
kinetics of peritoneal clearance of *Escherichia coli* and *Bacteroides fragilis* and participating defense mechanisms [Skau] 1033 (Se)
presentation of congenital diaphragmatic hernia past neonatal period [Newman] 813 (Jy)
serum kinetics of intraperitoneal moxalactam [Fry] 282 (Mr)
Peritoneal Diseases
macrophage-mediated modulation of hepatocyte protein synthesis, effect of dexamethasone [Keller] 1199 (Oc)
ventral herniorrhaphy aided by pneumoperitoneum [Astudillo] 935 (Au)
Peritoneal Neoplasms
strategy for intestinal obstruction of peritoneal carcinomatosis [McCarthy] 1081 (Se)
Peritoneoscopy
in extrahepatic abdominal diseases [Kriplani] 818 (Jy)
Peritoneovenous Shunt
chylous ascites following resection of ruptured abdominal aneurysm, treatment with [Sarazin] 246 (Fe)
LeVeen vs Denver, for intractable ascites of cirrhosis, randomized, prospective trial [Fulenwider] 351 (Mr)
Peritoneum
splenic aneurysm rupture in cirrhotics (letter) [Pomerantz] 1095 (Se)
Peritonitis
diffuse, scheduled reoperations (etappenlavage) for [Teichmann] 147 (Fe)
effect of heparin and heparin fractions on experimental abscess formation [Prinz] 1173 (Oc)
experimental, muramyl dipeptide enhances survival from [Brown] 47 (Ja)
multiple-organ failure and sepsis without bacteria, experimental model [Goris] 897 (Au)
serum kinetics of intraperitoneal moxalactam [Fry] 282 (Mr)
subcutaneous positioning of high-risk colonic anastomosis and colonic lesions (letter) [Blanco-Benavides] 974
Peroxidase-Antiperoxidase Complex Technic see Immunoenzyme Technics
Peroxidase-Labeled Antibody Technic see Immunoenzyme Technics
Phagocytes
influence of dietary nucleotide restriction on bacterial sepsis and phagocytic cell function in mice [Kulkarni] 169 (Fe)
Phagocytosis
effect of antibiotics and sedatives on normal neutrophil nicotinamide-adenine dinucleotide phosphate-reduced oxidase activity [Moon] 73 (Ja)
immunotherapy of gram-negative bacterial sepsis, single murine monoclonal antibody provides cross-genera protection [Dunn] 58 (Ja)
Pharmacotherapy see Drug Therapy
Phenylalanine
protein metabolism in different types of skeletal muscle during early and late sepsis in rats [Hasselgren] 918 (Au)
Phlegmasia Alba Dolens see Thrombophlebitis
Phosphorylation see Chemistry, Organic
Physicians
avoiding 'gold standard' (letter) [Schwartz] 973 (Au)
general surgical operations in United States, 1979 to 1984 [Rutkow] 1145 (Oc)
host-opportunist interactions in surgical infection, presidential address before annual meeting of Surgical Infection Society [Pruitt] 13 (Ja)
lost sheep, presidential address before annual meeting of New England Surgical Society [Braasch] 385 (Ap)
Physicians, Family
colorectal cancer, blueprint for disease control through screening by primary care physicians [Wanebo] 1347 (No)
Physiology
clinical surgeons who write, pride, prejudice, and responsibility, presidential address before annual meeting of Western Surgical Association [Adson] 509 (My)
Phytohemagglutinins
depression of cellular immunity after major injury, association with posttraumatic complications and its reversal with immunomodulation [Faist] 1000 (Se)
Pigs See Swine
Plasma
antithrombin, prekallikrein, and fibronectin levels in surgical patients [Wilson] 635 (Je)
fresh-frozen, resuscitation, effect of, on cardiopulmonary function and serum protein flux [Lucas] 559 (My)
leukocyte aggregation response to quantitative plasma levels of C3a and C5a [Williams] 305 (Mr)
Plasminogen Activators
efficacy of tissue, and urokinase in canine model of prosthetic graft thrombosis [Curl] 782 (Jy)
Plaster Casts see Casts, Surgical
Plastics
use of absorbable mesh to repair contaminated abdominal-wall defects [Dayton] 954 (Au)
Platelet Count
pulmonary and cardiovascular consequences of immediate fixation or conservative management of long-bone fractures [Lozman] 992 (Se)
Platelet Number see Platelet Count
Platelets see Blood Platelets
Pleura
prevention of postoperative pericardial adhesions, animal study [Vander Salm] 462 (Ap)
Pneumocystitis carinii
surgeon's role in treating acquired immunodeficiency syndrome [Nugent] 1117 (Oc)
Pneumonia
effects of environment on infection in burn patients [Shirani] 31 (Ja)
fate of left-sided cardiac bioprosthesis valves in children [Kopf] 488 (Ap)
pulmonary infections, Minnesota randomized prospective trial of cyclosporine vs azathioprine-antilymphocyte globulin for immunosuppression in renal allograft recipients [Hesse] 1056 (Se)
Pneumoperitoneum
ventral herniorrhaphy aided by [Astudillo] 935 (Au)
Pneumothorax
experimental, management of, in weanling rabbits with use of fibrin glue sclerosant [Goldman] 565 (My)
Politef see Polytetrafluoroethylene
Polyamides see Nylons
Polychemotherapy see Drug Therapy, Combination
Polyglycolic Acid
continuous absorbable vs interrupted nonabsorbable fascial closure, prospective, randomized comparison [McNeill] 821 (Jy)
Polypeptides see Peptides
Polypropylenes see Plastics
Polyps
colonic epithelial impedance analysis in murine model of large-bowel cancer [Davies] 1253 (No)
colorectal cancer, blueprint for disease control through screening by primary care physicians [Wanebo] 1347 (No)
Polytef see Polytetrafluoroethylene
Polytetrafluoroethylene
antiplatelet therapy and vascular grafts, studies in baboon ex vivo shunt [Eldrup-Jorgensen] 778 (Jy)
axillofemoral bypass, expectations and results [Savrin] 1016 (Se)
effect of prolonged intra-arterial prostaglandin E'1 infusion '= subs on canine arterial graft patency [Cronenwett] 760 (Jy)
efficacy of tissue plasminogen activator and urokinase in canine model of prosthetic graft thrombosis [Curl] 782 (Jy)
mucin production by *Staphylococcus epidermidis*, virulence factor promoting adherence to vascular grafts [Schmitt] 89 (Ja)
results of arterial reconstruction of foot [Buchbinder] 673 (Je)
Popliteal Artery
successful vein bypass in patients with ischemic limb and palpable popliteal pulse [Cantelmo] 217 (Fe)
Popliteal Vein
11-year experience with deep leg veins as femoropopliteal bypass grafts [Schulman] 1010 (Se)
totally autogenous venovenous composite bypass grafts, salvage of almost irretrievable extremity [Harris] 1128 (Oc)
Porcine Xenograft Bioprosthesis see Bioprosthesis
Portal Vein
β-adrenergic blockade increases hepatic extraction of glucose in sepsis [Caruana] 319 (Mr)
isolated splenic vein thrombosis [Glynn] 723 (Je)
Postoperative Complications see also Surgery, Operative
subcutaneous heparin and postoperative wound hematomas, prospective, double-blind, randomized study [van Ooijen] 937 (Au)
Postoperative Period
postoperative enteral vs parenteral nutrition, randomized controlled trial [Bower] 1040 (Se)
surgeon's role in treating acquired immunodeficiency syndrome [Nugent] 1117 (Oc)
Postoperative Wound Infection see Surgical Wound Infection
Potassium Chloride
intravenous hydrochloric acid in patients with metabolic alkalosis and hypercapnia [Worthley] 1195 (Oc)
Precipitation
management of experimental pneumothorax in weanling rabbits with use of fibrin glue sclerosant [Goldman] 565 (My)
Prednisone
aseptic hip necrosis after renal transplantation [Brazil] 803 (Jy)
diagnosis and treatment of splenic fungal abscesses in immune-suppressed patient [Helton] 580 (My)
Pregnancy
as predisposing factor in thyroid neoplasia [Rosen] 1287 (No)
Prekallikrein see Kallikrein
Preoperative Care
discharge within 24 hours of elective cholecystectomy, first 100 patients [Moss] 1159 (Oc)
improved survival in epidermoid carcinoma of anus in association with preoperative multidisciplinary ther-

Preoperative Care—Continued
agy [Enker] 1386 (De)
Preventive Medicine
polar solvents in chemoprevention of dimethylbenzanthracene-induced rat mammary cancer [McCabe] 1455 (De)
Probability
breast cancer risk analysis (letter) [Kelly] 973 (Au)
Proctitis
perianal fistulas in patients with Crohn's disease [van Dongen] 1187 (Oc)
Prognosis
application of clinically valid cardiac risk factors to aortic aneurysm surgery [Yeager] 278 (Mr)
decreasing incidence of surgical wound infections, validation of surveillance-notification program [Mead] 458 (Ap)
efficacy of magnetic resonance imaging in 139 children with tumors [Cohen] 522 (My)
ovarian carcinoma, significance of restaging laparotomies with negative outcomes [Potkul] 1262 (No)
pancreatic cancer, adjuvant combined radiation and chemotherapy following curative resection [Kalser] 120: 899; correction, 121:1045 (Se)
resection of recurrent pulmonary metastases in patients with soft-tissue sarcomas [Rizzoni] 1248 (No)
serial determinations of melanoma tumor-associated antigen and antibody in patients with stage I melanoma [Wong] 1342 (No)
thickness as prognostic aid in upper aerodigestive tract cancer [Moore] 1410 (De)
tumor DNA content in primary and metastatic colorectal carcinoma [Kokal] 1435 (De)
Promyelocytes see Granulocytes
Propranolol
β-adrenergic blockade increases hepatic extraction of glucose in sepsis [Caruana] 319 (Mr)
Prospective Payment System see Reimbursement Mechanisms
Prostacyclins see Prostaglandins X
Prostaglandin Synthases
effect of indomethacin on muscle and liver protein synthesis and on whole-body protein degradation during abdominal sepsis in rat [Freund] 1154 (Oc)
Prostaglandins
and complement interaction in clinical acute respiratory failure [Slotman] 271 (Mr)
prevention of posttraumatic alterations in lymphocyte subpopulations in mice by immunomodulating drugs [Zapata-Sirvent] 116 (Ja)
Prostaglandins E
effect of indomethacin on muscle and liver protein synthesis and on whole-body protein degradation during abdominal sepsis in rat [Freund] 1154 (Oc)
Prostaglandins X
efficacy of tissue plasminogen activator and urokinase in canine model of prosthetic graft thrombosis [Curl] 782 (Jy)
Prosthesis
suture technique in preventing dehiscence of prosthetic mitral valves [Stiles] 1136 (Oc)
Proteins
clinical use of branched-chain amino acids in liver disease, sepsis, trauma and burns [Sax] 358 (Mr)
effect of indomethacin on muscle and liver protein synthesis and on whole-body protein degradation during abdominal sepsis in rat [Freund] 1154 (Oc)
forskolin (cyclic adenosine monophosphate)-dependent protein phosphorylation in isolated gastric glands [Modlin] 330 (Mr)
hepatocyte, synthesis, macrophage-mediated modulation of, effect of dexamethasone [Keller] 1199 (Oc)
metabolism in different types of skeletal muscle during early and late sepsis in rats [Hasselgren] 918 (Au)
multiple granular cell tumors, familial occurrence in children [Rifkin] 945 (Au)
posttraumatic complications and inflammatory mediators [Nuytinck] 886 (Au)
Proteus
effects of environment on infection in burn patients [Shirani] 31 (Ja)
Prothrombin Time
single-antibiotic use for penetrating abdominal trauma [Nelson] 153 (Fe)
Providencia see Proteus
Pseudomonas
association of burn mortality and bacteremia, 25-year review [Mason] 1027 (Se)
Pseudomonas aeruginosa
effects of environment on infection in burn patients [Shirani] 31 (Ja)
immunotherapy of gram-negative bacterial sepsis, single murine monoclonal antibody provides cross-genera protection [Dunn] 58 (Ja)
Public Health
colorectal cancer, blueprint for disease control through screening by primary care physicians [Wanebo] 1347 (No)
Publishing
recommendations to obtain better medical illustrations (letter) [Pearl] 124 (Ja)
Pulmonary Diseases see Lung Diseases
Pulmonary Embolism
acute, can ventilation-perfusion scans accurately diagnose? [McBride] 754 (Jy)
fatal pulmonary bile embolism following acute acalculous cholecystitis [Proia] 1206 (Oc)
Pulse
palpable popliteal, successful vein bypass in patients
Pulse—Continued
with ischemic limb and [Cantelmo] 217 (Fe)
Puncture Biopsy see Biopsy, Needle
Purines
influence of dietary nucleotide restriction on bacterial sepsis and phagocytic cell function in mice [Kulkarni] 169 (Fe)
Pus see Suppuration
Pyloric Antrum
canine mucosal antrectomy [Becker] 824 (Jy)
clinical aspect of retained gastric antrum [Lee] 1181 (Oc)
Pylorus
acid and gastrin levels following pyloric-preserving pancreaticoduodenectomy [Pearlman] 661 (Je)

Q

Quality of Health Care
Boston Center for Liver Transplantation (BCLT), initial experience of new surgical consortium [Jenkins] 424 (Ap)
Quality of Life
changes in treatment of rectal carcinoma and effects on local recurrence [Odou] 1114 (Oc)
Quinolinium Compounds
inhibition of rat colon tumor isograft growth with dequalinium chloride [Bleday] 1272 (No)

R

Rabbits
in vitro reversal of cardiac deterioration in septic shock with tetraethylammonium chloride [DeMeules] 65 (Ja)
intra-arterial infusion of doxorubicin with degradable starch microspheres, improvement of hepatic tumor drug uptake [Sigurdson] 1277 (No)
weanling, management of experimental pneumothorax in, with use of fibrin glue sclerosant [Goldman] 565 (My)
Radioallergosorbent Test see Radioimmunoassay
Radiography
intraoperative probe-directed immunodetection using monoclonal antibody [O'Dwyer] 1391 (De)
shoulder harness traction for roentgenographic assessment of cervical spine [Norris] 452 (Ap)
Radioimmunoassay
prostaglandin and complement interaction in clinical acute respiratory failure [Slotman] 271 (Mr)
serial determinations of melanoma tumor-associated antigen and antibody in patients with stage I melanoma [Wong] 1342 (No)
Radioimmunosorbent Test see Radioimmunoassay
Radioisotopes
diagnosis of traumatic cardiac contusion [Waxman] 689 (Je)
radionuclide esophageal screening transit, screening test for esophageal disorders [Netscher] 843 (Jy)
Radionuclide Imaging
imaging of human colorectal adenocarcinoma with indium-labeled anticarcinoembryonic antigen monoclonal antibody [Duda] 1315 (No)
intraoperative probe-directed immunodetection using monoclonal antibody [O'Dwyer] 1391 (De)
LeVeen vs Denver peritoneovenous shunts for intractable ascites of cirrhosis, randomized, prospective trial [Fulenwider] 351 (Mr)
Radionuclide Tomography, Computed see Tomography, Emission Computed
Radionuclides see Radioisotopes
Radiotherapy
changing aspects of radiation enteropathy (letter) [Braslow] 1212 (Oc)
comparison of staging methods for Hodgkin's disease in children [Lally] 1125 (Oc)
extent of axillary dissection preceding irradiation for carcinoma of breast [Schwartz] 1395 (De)
how effective is adjuvant cancer chemotherapy? Lucy Wortham James Clinical Research Award [James] 1233 (No)
improved survival in epidermoid carcinoma of anus in association with preoperative multidisciplinary therapy [Enker] 1386 (De)
improved survival in squamous esophageal cancer, preoperative chemotherapy and radiation [Popp] 1330 (No)
intraoperative electron beam, in treatment of unresectable rectal cancer [Tepper] 421 (Ap)
localized, operable soft tissue sarcoma of lower extremity [Collin] 1425 (De)
lumpectomy vs mastectomy, costs of breast preservation for cancer [Muñoz] 1297 (No)
pancreatic cancer, adjuvant combined radiation and chemotherapy following curative resection [Kalser] 120: 899; correction, 121:1045 (Se)
pregnancy as predisposing factor in thyroid neoplasia [Rosen] 1287 (No)
preoperative radiation therapy for rectal cancer, effective therapy in need of clinical trial [Fortier] 1380 (De)
prophylaxis against radiation injury, use of elemental diet prior to and during, for invasive bladder cancer and in early postoperative feeding following radical cystectomy and ileal conduit [McArdle] 879 (Au)
role of modified neck dissection in treatment of cutaneous melanoma of head and neck [Byers] 1338 (No)
Ranitidine
somatostatin and, effects on bleeding from upper gastrointestinal tract [Basso] 833 (Jy)
Rats
effect of indomethacin on muscle and liver protein synthesis and on whole-body protein degradation during abdominal sepsis in [Freund] 1154 (Oc)
effect of transfusion on immune function in traumatized animal model [Waymack] 50 (Ja)
regional brain amino acid and neurotransmitter derangements during abdominal sepsis and septic encephalopathy in, effect of amino acid infusions [Freund] 209 (Fe)
Rats, Inbred Strains
inhibition of rat colon tumor isograft growth with dequalinium chloride [Bleday] 1272 (No)
macrophage-mediated modulation of hepatocyte protein synthesis, effect of dexamethasone [Keller] 1199 (Oc)
multiple-organ failure and sepsis without bacteria, experimental model [Goris] 897 (Au)
susceptibility to bacterial sepsis, accurate measurement by delayed-type hypersensitivity skin test score [Tchervenkov] 37 (Ja)
Rats, Inbred WF see Rats, Inbred Strains
Rats, Sprague-Dawley see Rats, Inbred Strains
Rats, Wistar see Rats, Inbred Strains
Receptors, Estradiol see Receptors, Estrogen
Receptors, Estrogen
modulation of, by insulin and its biologic significance [Chaudhuri] 1322 (No)
Rectal Diseases
pitfalls in preoperative diagnosis of endometriosis (letter) [Ziv] 367 (Mr)
Rectal Fistula
perianal fistulas in patients with Crohn's disease [van Dongen] 1187 (Oc)
Rectal Neoplasms
anastomotic recurrence of adenocarcinoma of colon [Stulc] 1077 (Se)
changes in treatment of rectal carcinoma and effects on local recurrence [Odou] 1114 (Oc)
chemoprevention of colorectal neoplasms, ascorbic acid and β-carotene [Colacchio] 1421 (De)
colonoscopy after curative resection of colorectal cancer [Larson] 535 (My)
colorectal cancer, blueprint for disease control through screening by primary care physicians [Wanebo] 1347 (No)
energy expenditure in malnourished patients with colorectal cancer [Dempsey] 789 (Jy)
generalized juvenile familial polyposis coli, clinical management based on long-term observations [Grosfeld] 530 (My)
imaging of human colorectal adenocarcinoma with indium-labeled anticarcinoembryonic antigen monoclonal antibody [Duda] 1315 (No)
inhibition of rat colon tumor isograft growth with dequalinium chloride [Bleday] 1272 (No)
intraoperative electron beam radiotherapy in treatment of unresectable rectal cancer [Tepper] 421 (Ap)
intraperitoneal administration of interleukin-2 in patients with cancer [Lotze] 1373 (De)
neodymium-YAG laser, new palliative tool in treatment of colorectal cancer [Ruasin] 1399 (De)
preoperative radiation therapy for rectal cancer, effective therapy in need of clinical trial [Fortier] 1380 (De)
role of aromatic amine acetyltransferase in human colorectal cancer [Lang] 1259 (No)
tumor DNA content in primary and metastatic colorectal carcinoma [Kokal] 1434 (De)
tumoricidal effects and patient survival after hyperthermic liver perfusion [Skibba] 1266 (No)
use of implantable chemoinfusion pump in treatment of hepatic metastases of colorectal cancer [Ramming] 1442 (De)
Registries
role of surgical oncologist in community hospital, presidential address before annual meeting of Society of Surgical Oncology [Dembrow] 1231 (No)
Regression Analysis
prostaglandin and complement interaction in clinical acute respiratory failure [Slotman] 271 (Mr)
tumor DNA content in primary and metastatic colorectal carcinoma [Kokal] 1434 (De)
Reimbursement, Incentive see Reimbursement Mechanisms
Reimbursement Mechanisms
host-opportunist interactions in surgical infection, presidential address before annual meeting of Surgical Infection Society [Pruitt] 13 (Ja)
impact of prospective reimbursement on trauma centers, alternative payment plan [Jacobs] 479 (Ap)
lumpectomy vs mastectomy, costs of breast preservation for cancer [Muñoz] 1297 (No)
total cholecystectomy utilization by diagnosis related group [Lagoe] 1006 (Se)
Renal Veins
left (letter) [Scher] 491 (Ap)
Reoperation see Surgery, Operative
Research
avoiding 'gold standard' (letter) [Schwartz] 973 (Au)
clinical surgeons who write, pride, prejudice, and responsibility, presidential address before annual meeting of Western Surgical Association [Adson] 509 (My)
general surgical operations in United States, 1979 to 1984 [Rutkow] 1145 (Oc)
Research Design
type III error [Condon] 877 (Au)
Research Support
surgical oncology in university departments of surgery in United States [Lawrence] 1088 (Se)

Respiratory Distress Syndrome
management of experimental pneumothorax in weanling rabbits with use of fibrin glue sclerosant [Goldman] 565 (My)
Respiratory Distress Syndrome, Adult
leukocyte aggregation response to quantitative plasma levels of C3a and C5a [Williams] 305 (Mr)
multiple-organ failure and sepsis without bacteria, experimental model [Goris] 897 (Au)
posttraumatic complications and inflammatory mediators [Nuytinck] 886 (Au)
pulmonary dysfunction associated with streptokinase therapy [Kerstein] 852 (Jy)
Respiratory Failure see Respiratory Insufficiency
Respiratory Insufficiency
prostaglandin and complement interaction in clinical acute respiratory failure [Slotman] 271 (Mr)
Respiratory System
continuous mixed venous oximetry in critically ill surgical patients, 'high-tech' cost-effectiveness [Orlando] 470 (Ap)
multiple-organ-failure syndrome [Carrico] 196 (Fe)
Resuscitation
effect of fresh-frozen plasma, on cardiopulmonary function and serum protein flux [Lucas] 559 (My)
fatal pulmonary bile embolism following acute acalculous cholecystitis [Proia] 1206 (Oc)
Retroperitoneal Space
chronic contained rupture of abdominal aortic aneurysms [Jones] 542 (My)
retroperitoneal approach to high-risk abdominal aortic aneurysms [Shepard] 444 (Ap)
surgical management of necrotizing pancreatitis [Wertheimer] 484 (Ap)
Risk see Probability
RNA
influence of dietary nucleotide restriction on bacterial sepsis and phagocytic cell function in mice [Kulkarni] 169 (Fe)
intraperitoneal administration of interleukin-2 in patients with cancer [Lotze] 1373 (De)
Roentgenography see Radiography

S

Saline see Sodium Chloride
Saline Solution, Hypertonic see Sodium Chloride
Salmonella
immunotherapy of gram-negative bacterial sepsis, single murine monoclonal antibody provides cross-genera protection [Dunn] 58 (Ja)
Saphenous Vein
deep-penile-vein arterialization for arterial and venous impotence [Balko] 774 (Jy)
11-year experience with deep leg veins as femoropopliteal bypass grafts [Schulman] 1010 (Se)
intraoperative assessment of in situ saphenous vein arterial grafts using pulsed Doppler spectral analysis [Bandyk] 292 (Mr)
results of arterial reconstruction of foot [Buchbinder] 673 (Je)
totally autogenous venovenous composite bypass grafts, salvage of almost irretrievable extremity [Harris] 1128 (Oc)
Sarcoma
efficacy of magnetic resonance imaging in 139 children with tumors [Cohen] 522 (My)
inhibition of rat colon tumor isograft growth with dequalinium chloride [Bleday] 1272 (No)
localized, operable soft tissue, of lower extremity [Collin] 1425 (De)
resection of recurrent pulmonary metastases in patients with soft-tissue sarcomas [Rizzoni] 1248 (No)
soft-tissue, doxorubicin chemotherapy in treatment of, combined results of 2 randomized trials [Wilson] 1354 (No)
soft-tissue, prospective study of cardiomyopathy induced by adjuvant doxorubicin therapy in patients with [Ettinghausen] 1445 (De)
Sarcoma, Kaposi's
surgeon's role in treating acquired immunodeficiency syndrome [Nugent] 1117 (Oc)
Scars see Cicatrix
Schwann Cells
multiple granular cell tumors, familial occurrence in children [Rifkin] 945 (Au)
Scintigraphy see Radionuclide Imaging
Scintigraphy, Computed Tomographic see Tomography, Emission Computed
Sclerosing Solutions
caustic sclerosing cholangitis, complication of surgical treatment of hydatid disease of liver [Belghiti] 1162 (Oc)
esophageal perforation after fiberoptic endoscopic injection sclerotherapy for esophageal varices [Shemesh] 243 (Fe)
Sclerosis
early variceal rebleeding after successful distal splenorenal shunt [Eckhauser] 547 (My)
use of implantable chemoinfusion pump in treatment of hepatic metastases of colorectal cancer [Ramming] 1440 (De)
Sepharose
murine neutrophil migration during course of intra-abdominal abscess [Lineaweaver] 797 (Jy)
Septicemia
alterations in exogenous substrate metabolism in sepsis [Fried] 173 (Fe)
Septicemia—Continued
association of burn mortality and bacteremia, 25-year review [Mason] 1027 (Se)
both inflammatory and endocrine mediators stimulate host responses to sepsis [Watters] 179 (Fe)
effects of environment on infection in burn patients [Shirani] 31 (Ja)
enterococcal burn sepsis, highly lethal complication in severely burned patients [Jones] 649 (Je)
immunotherapy of gram-negative bacterial sepsis, single murine monoclonal antibody provides cross-genera protection [Dunn] 58 (Ja)
regional brain amino acid and neurotransmitter derangements during abdominal sepsis and septic encephalopathy in rat, effect of amino acid infusions [Freund] 209 (Fe)
septic thromboarteritis (letter) [Schlegel] 974 (Au)
Serotonin
regional brain amino acid and neurotransmitter derangements during abdominal sepsis and septic encephalopathy in rat, effect of amino acid infusions [Freund] 209 (Fe)
Severity of Illness Index see Diagnostic Related Groups
Sex Factors
improved survival in epidermoid carcinoma of anus in association with preoperative multidisciplinary therapy [Enker] 1386 (De)
Shock Lung see Respiratory Distress Syndrome, Adult
Shock, Hemorrhagic
effect of fresh-frozen plasma resuscitation on cardiopulmonary function and serum protein flux [Lucas] 559 (My)
Shock, Septic
in vitro reversal of cardiac deterioration in, with tetraethylammonium chloride [DeMeules] 65 (Ja)
Shoulder
harness traction for roentgenographic assessment of cervical spine [Norris] 452 (Ap)
Sigmoid Diseases
prediction of development of sigmoid ischemia on day of aortic operations, indirect measurements of intramural pH in colon [Fiddian-Green] 654 (Je)
Sigmoid Neoplasms
intraoperative electron beam radiotherapy in treatment of unresectable rectal cancer [Tepper] 421 (Ap)
Sigmoidoscopy
colonoscopy as primary diagnostic procedure in chronic gastrointestinal tract bleeding [Maxfield] 401 (Ap)
colonoscopy vs barium enema for evaluation of colon (letter) [Ott] (reply) [Maxfield] 1094 (Se)
colorectal cancer, blueprint for disease control through screening by primary care physicians [Wanebo] 1347 (No)
Skin
development of safe and effective 1-minute preoperative preparation for (letter) [Alexander] 615, (reply) [Condon] 616 (My)
Skin Tests
radiologic diagnosis of intra-abdominal abscess, do multiple tests help? [Dobrin] 41 (Ja)
susceptibility to bacterial sepsis, accurate measurement by delayed-type hypersensitivity skin test score [Tchervenkov] 37 (Ja)
Society of Surgical Oncology
39th annual meeting, Washington, DC, May 12-14, 1986-Part 1, papers read before, 1231-1359 (No); Part 2, 1373-1463 (De)
Sodium Chloride
caustic sclerosing cholangitis, complication of surgical treatment of hydatid disease of liver [Belghiti] 1162 (Oc)
kinetics of peritoneal clearance of *Escherichia coli* and *Bacteroides fragilis* and participating defense mechanisms [Skau] 1033 (Se)
Soft Tissue Neoplasms
localized, operable soft tissue sarcoma of lower extremity [Collin] 1425 (De)
prospective study of cardiomyopathy induced by adjuvant doxorubicin therapy in patients with soft-tissue sarcomas [Ettinghausen] 1445 (De)
resection of recurrent pulmonary metastases in patients with soft-tissue sarcomas [Rizzoni] 1248 (No)
Somatostatin
effects of gastrin, glutamine, and, on in vitro growth of normal and malignant human gastric mucosal cells [Moyer] 285 (Mr)
ranitidine and, effects on bleeding from upper gastrointestinal tract [Basso] 833 (Jy)
Sonication see Ultrasonics
Specialty Boards see Certification
Spine
cervical, shoulder harness traction for roentgenographic assessment of [Norris] 452 (Ap)
Spleen
splenic aneurysm rupture in cirrhotics (letter) [Pomerantz] 1095 (Se)
Splenectomy
diagnosis and treatment of splenic fungal abscesses in immune-suppressed patient [Helton] 580 (My)
duodenoplasty and proximal gastric vagotomy in peptic stenosis, experience with 43 cases [Barroso] 1021 (Se)
Splenic Diseases
diagnosis and treatment of splenic fungal abscesses in immune-suppressed patient [Helton] 580 (My)
Splenic Vein
early variceal rebleeding after successful distal splenorenal shunt [Eckhauser] 547 (My)
isolated, thrombosis [Glynn] 723 (Je)
Splenomegaly
isolated splenic vein thrombosis [Glynn] 723 (Je)
Staging, Neoplasm see Neoplasm Staging
Stains and Staining
acetylcholinesterase and manometry in diagnosis of constipated child [Ikawa] 435 (Ap)
computed tomography in assessment of pediatric abdominal trauma [Mohamed] 703 (Je)
forskolin (cyclic adenosine monophosphate)-dependent protein phosphorylation in isolated gastric glands [Modlin] 330 (Mr)
imaging of human colorectal adenocarcinoma with indium-labeled anticarcinoembryonic antigen monoclonal antibody [Duda] 1315 (No)
increased expression of epidermal growth factor receptor on human colon carcinoma cells [Bradley] 1242 (No)
multiple granular cell tumors, familial occurrence in children [Rifkin] 945 (Au)
Staphylococcal Infections
vancomycin hydrochloride and 'red-neck' syndrome (letter) [Wade] 859 (Jy)
Staphylococcus aureus
influence of dietary nucleotide restriction on bacterial sepsis and phagocytic cell function in mice [Kulkarni] 169 (Fe)
Staphylococcus epidermidis
mucin production by, virulence factor promoting adherence to vascular grafts [Schmitt] 89 (Ja)
Starch
degradable, microspheres, intra-arterial infusion of doxorubicin with, improvement of hepatic tumor drug uptake [Sigurdson] 1277 (No)
Statistics
clinical surgeons who write, pride, prejudice, and responsibility, presidential address before annual meeting of Western Surgical Association [Adson] 509 (My)
general surgical operations in United States, 1979 to 1984 [Rutkow] 1145 (Oc)
type III error [Condon] 877 (Au)
Sterilization
development of safe and effective 1-minute preoperative skin preparation (letter) [Alexander] 615, (reply) [Condon] 616 (My)
Sternum
prevention of postoperative pericardial adhesions, animal study [Vander Salm] 462 (Ap)
Stomach
continuous absorbable vs interrupted nonabsorbable fascial closure, prospective, randomized comparison [McNeill] 821 (Jy)
esophagogastrectomy with use of single gastrotomy for pyloromyectomy and insertion of EEA stapler and gastrostomy tube [Shiu] 961 (Au)
Stomach Neoplasms
effects of gastrin, glutamine, and somatostatin on in vitro growth of normal and malignant human gastric mucosal cells [Moyer] 285 (Mr)
evaluation of gastric adenocarcinoma, abdominal computed tomography does not replace celiotomy [Cook] 603 (My)
peritoneoscopy in extrahepatic abdominal diseases [Kriplani] 818 (Jy)
Stomach Ulcer
clinical aspect of retained gastric antrum [Lee] 1181 (Oc)
Streptococcus
enterococcal burn sepsis, highly lethal complication in severely burned patients [Jones] 649 (Je)
treatment of pyogenic hepatic abscesses, surgical vs percutaneous drainage [Bertel] 554 (My)
Streptokinase
intra-arterial fibrinolytic therapy, efficacy of urokinase vs [Belkin] 769 (Jy)
intraoperative, adjunct to mechanical thrombectomy in management of acute ischemia [Cohen] 708 (Je)
therapy, pulmonary dysfunction associated with [Kerstein] 852 (Jy)
Streptozocin see Streptozotocin
Streptozotocin
modulation of estrogen receptor by insulin and its biologic significance [Chaudhuri] 1322 (No)
Subclavian Artery
anterior scalene muscle in thoracic outlet compression syndrome, histochemical and morphometric studies [Machleder] 1141 (Oc)
arteriovenous fistula following central venous catheterization [Sato] 729 (Je)
axillofemoral bypass, expectations and results [Savrin] 1016 (Se)
Subsidies, Research see Research Support
Sucralfate
antacid vs, in preventing acute gastrointestinal tract bleeding in abdominal aortic surgery, randomized trial in 50 patients [Borrero] 810 (Jy)
Sucrose
antacid vs sucralfate in preventing acute gastrointestinal tract bleeding in abdominal aortic surgery, randomized trial in 50 patients [Borrero] 810 (Jy)
Sulfadimidine see Sulfamethazine
Sulfamethazine
role of aromatic amine acetyltransferase in human colorectal cancer [Lang] 1259 (No)
Superior Mesenteric Artery Syndrome see Duodenal Obstruction
Superoxide
production by normal neutrophils, trauma serum sup-

Superoxide—Continued
presses [Lanser] 157 (Fe)
Suppressor Cells
activities in autologous human tumor systems, suppression of tumor immunity [Mukherji] 1404 (De)
effect of transfusion on immune function in traumatized animal model [Waymack] 50 (Ja)
Suppuration
treatment of pyogenic hepatic abscesses, surgical vs percutaneous drainage [Bertel] 554 (My)
Surgery, Operative see also Postoperative Complications
abdominal incisions and staging in ovarian cancer [McGowan] 800 (Jy)
antacid vs sucralfate in preventing acute gastrointestinal tract bleeding in abdominal aortic surgery, randomized trial in 50 patients [Borrero] 810 (Jy)
application of clinically valid cardiac risk factors to aortic aneurysm surgery [Yeager] 278 (Mr)
bifurcation of cervical internal carotid artery (letter) [Brown] 367 (Mr)
changes in treatment of rectal carcinoma and effects on local recurrence [Odou] 1114 (Oc)
changing aspects of radiation enteropathy (letter) [Braslow] 1212 (Oc)
choice between conservative and radical surgery in cancer in upper abdomen [Smith] 391 (Ap)
clinical aspect of retained gastric antrum [Lee] 1181 (Oc)
clinical surgeons who write, pride, prejudice, and responsibility, presidential address before annual meeting of Western Surgical Association [Adson] 509 (My)
comparison of laser-welded and sutured arteriotomies [White] 1133 (Oc)
continuous absorbable vs interrupted nonabsorbable fascial closure, prospective, randomized comparison [McNeill] 821 (Jy)
effects of perioperative fluorouracil administration on convalescence and wound healing [Klausner] 239 (Fe)
efficacy of short-course antibiotic prophylaxis after penetrating intestinal injury, prospective randomized trial [Dellinger] 23 (Ja)
esophagogastrectomy with use of single gastrotomy for pyloromyectomy and insertion of EEA stapler and gastrostomy tube [Shiu] 961 (Au)
extent of axillary dissection preceding irradiation for carcinoma of breast [Schwartz] 1395 (De)
external duodenal fistula, causes, complications, and treatment [Rossi] 908 (Au)
general surgical operations in United States, 1979 to 1984 [Rutkow] 1145 (Oc)
hospital stay following biliary tract surgery, comparison of 2 community hospitals [Luna] 693 (Je); correction, 1419 (De)
host-opportunist interactions in surgical infection, presidential address before 5th annual meeting of Surgical Infection Society [Pruitt] 13 (Ja)
improved survival in epidermoid carcinoma of anus in association with preoperative multidisciplinary therapy [Enker] 1386 (De)
intra-abdominal surgery in patients with advanced cirrhosis [Aranha] 275 (Mr)
intraoperative electron beam radiotherapy in treatment of unresectable rectal cancer [Tepper] 421 (Ap)
intraoperative streptokinase, adjunct to mechanical thrombectomy in management of acute ischemia [Cohen] 708 (Je)
localized, operable soft tissue sarcoma of lower extremity [Collin] 1425 (De)
long-acting β-adrenergic antagonists as preparation for surgery in thyrotoxicosis [Gerst] 838 (Jy)
lost sheep, presidential address before annual meeting of New England Surgical Society [Braasch] 385 (Ap)
multiple-organ-failure syndrome [Carrico] 196 (Fe)
neutropenic enterocolitis in adults with acute leukemia [Mower] 571 (My)
noninvasive conjunctival oxygen monitoring during carotid endarterectomy [Kram] 914 (Au)
operative vs percutaneous drainage of intra-abdominal abscesses, comparison of morbidity and mortality [Oiak] 141 (Fe)
pitfalls in preoperative diagnosis of endometriosis (letter) [Ziv] 367 (Mr)
pregnancy as predisposing factor in thyroid neoplasia [Rosen] 1287 (No)
prevention of postoperative pericardial adhesions, animal study [Vander Salm] 482 (Ap)
prevention of posttraumatic alterations in lymphocyte subpopulations in mice by immunomodulating drugs [Zapata-Sirvent] 116 (Ja)
prophylaxis against radiation injury, use of elemental diet prior to and during radiotherapy for invasive bladder cancer and in early postoperative feeding following radical cystectomy and ileal conduit [McArdle] 879 (Au)
role of surgical oncologist in community hospital, presidential address before annual meeting of Society of Surgical Oncology [Dembrow] 1231 (No)
scheduled reoperations (etappenlavage) for diffuse peritonitis [Teichmann] 147 (Fe)
sepsis from triple- vs single-lumen catheters during total parenteral nutrition in surgical or critically ill patients [Pemberton] 591 (My)
surgeon's role in treating acquired immunodeficiency syndrome [Nugent] 1117 (Oc)
surgical oncology in university departments of surgery in United States [Lawrence] 1088 (Se)
susceptibility to bacterial sepsis, accurate measurement by delayed-type hypersensitivity skin test score
Surgery, Operative—Continued
[Tchervenkov] 37 (Ja)
Surgery, Plastic
how effective is adjuvant cancer chemotherapy? Lucy Wortham James Clinical Research Award [James] 1233 (No)
lumpectomy vs mastectomy, costs of breast preservation for cancer [Muñoz] 1297 (No)
role of modified neck dissection in treatment of cutaneous melanoma of head and neck [Byers] 1338 (No)
Surgical Equipment
noninvasive conjunctival oxygen monitoring during carotid endarterectomy [Kram] 914 (Au)
Surgical Flaps
one-stage simple mastectomy with immediate reconstruction for high-risk patients, improved technique, biologic basis for ductal-glandular mastectomy [Bland] 221 (Fe)
Surgical Infection Society
fifth annual meeting, New Orleans, April 29 to April 30, 1985, papers read before, 13-116 (Ja); 141-191 (Fe); 1027-1081 (Se)
panel discussion, multiple-organ-failure syndrome [Carrico] 196 (Fe)
presidential address, host-opportunist interactions in surgical infection [Pruitt] 13 (Ja)
Surgical Mesh
use of absorbable mesh to repair contaminated abdominal-wall defects [Dayton] 954 (Au)
Surgical Staplers
changes in treatment of rectal carcinoma and effects on local recurrence [Odou] 1114 (Oc)
Surgical Wound Infection
decreasing incidence of, validation of surveillance-notification program [Mead] 458 (Ap)
development of safe and effective 1-minute preoperative skin preparation (letter) [Alexander] 615, (reply) [Condon] 616 (My)
effects of perioperative fluorouracil administration on convalescence and wound healing [Klausner] 239 (Fe)
infective dose of aerobic and anaerobic bacteria in postoperative wound sepsis [Raahave] 924 (Au)
prevention of posttraumatic alterations in lymphocyte subpopulations in mice by immunomodulating drugs [Zapata-Sirvent] 116 (Ja)
Sutures
comparison of laser-welded and sutured arteriotomies [White] 1133 (Oc)
continuous absorbable vs interrupted nonabsorbable fascial closure, prospective, randomized comparison [McNeill] 821 (Jy)
in preventing dehiscence of prosthetic mitral valves [Stiles] 1136 (Oc)
inguinal darn [Lifschutz] 717 (Je)
laser welding of venotomies [White] 905 (Au)
recurrent choledocholithiasis due to hemostatic clip (letter) [Margolis] 1213 (Oc)
Swine
kinetics of peritoneal clearance of *Escherichia coli* and *Bacteroides fragilis* and participating defense mechanisms [Skau] 1033 (Se)
suture technique in preventing dehiscence of prosthetic mitral valves [Stiles] 1136 (Oc)

T

T Cell Growth Factor see Mitogenic Factors, Lymphocyte
Tachyphylaxis
vasoactive properties of ascitic fluid in acute pancreatitis in porcine model [Innes] 665 (Je)
Tamoxifen
multimodal therapy for locally advanced breast cancer [Morrow] 1291 (No)
Taurocholate see Taurocholic Acid
Taurocholic Acid
vasoactive properties of ascitic fluid in acute pancreatitis in porcine model [Innes] 665 (Je)
TCGF see Mitogenic Factors, Lymphocyte
Technetium
clinical aspect of retained gastric antrum [Lee] 1181 (Oc)
LeVeen vs Denver peritoneovenous shunts for intractable ascites of cirrhosis, randomized, prospective trial [Fulenwider] 351 (Mr)
Technology, Medical
biologic control of cancer, James Ewing lecture [Baker] 1237 (No)
Tensile Strength
comparison of laser-welded and sutured arteriotomies [White] 1133 (Oc)
Tetanus Toxoid
abnormalities of antibody production after thermal injury, association with reduced interleukin 2 production [Wood] 108 (Ja)
potential development of tetanus in wounded patients with AIDS, tetanus immune globulin and (letter) [Furste] 367 (Mr)
Tetanus Vaccine see Tetanus Toxoid
Tetraethylammonium Compounds
in vitro reversal of cardiac deterioration in septic shock with tetraethylammonium chloride [DeMeules] 65 (Ja)
Thallium
diagnosis of traumatic cardiac contusion [Waxman] 689 (Je)
Thoracic Outlet Syndrome
anterior scalene muscle in thoracic outlet compression syndrome, histochemical and morphometric studies [Machleder] 1141 (Oc)
Thorax
'noninvasive' treatment of esophagogastric anastomotic leakage (letter) [Ofek] 124 (Ja)
Thrombin
management of experimental pneumothorax in weanling rabbits with use of fibrin glue sclerosant [Goldman] 565 (My)
Thrombocytopenia
pulmonary dysfunction associated with streptokinase therapy [Kerstein] 852 (Jy)
surgeon's role in treating acquired immunodeficiency syndrome [Nugent] 1117 (Oc)
Thromboembolism
fate of left-sided cardiac bioprosthesis valves in children [Kopf] 488 (Ap)
intra-arterial fibrinolytic therapy, efficacy of streptokinase vs urokinase [Belkin] 769 (Jy)
Thrombopenia see Thrombocytopenia
Thrombophlebitis
hemodynamic indicators of postthrombitic sequelae [Norris] 765 (Jy)
septic thromboarteritis (letter) [Schlegel] 974 (Au)
Thromboplastin Time, Partial see Partial Thromboplastin Time
Thrombosis
isolated splenic vein [Glynn] 723 (Je)
prosthetic graft, efficacy of tissue plasminogen activator and urokinase in canine model of [Curl] 782 (Jy)
recognition and management of impending vein-graft failure, importance for long-term patency [Cohen] 758 (Jy)
Thrombosis, Coronary see Coronary Disease
Thrombosis, Venous see Thrombophlebitis
Thromboxane A_2
efficacy of tissue plasminogen activator and urokinase in canine model of prosthetic graft thrombosis [Curl] 782 (Jy)
Thromboxanes
prostaglandin and complement interaction in clinical acute respiratory failure [Slotman] 271 (Mr)
Thymidine
modulation of estrogen receptor by insulin and its biologic significance [Chaudhuri] 1322 (No)
Thyroid Neoplasms
pregnancy as predisposing factor in thyroid neoplasia [Rosen] 1287 (No)
Thyroidectomy
long-acting β-adrenergic antagonists as preparation for surgery in thyrotoxicosis [Gerst] 838 (Jy)
pregnancy as predisposing factor in thyroid neoplasia [Rosen] 1287 (No)
Thyrotoxicosis see Hyperthyroidism
Tibial Fractures
pulmonary and cardiovascular consequences of immediate fixation or conservative management of long-bone fractures [Lozman] 992 (Se)
Tissue Survival
recognition and management of impending vein-graft failure, importance for long-term patency [Cohen] 758 (Jy)
Tobramycin
effect of antibiotics and sedatives on normal neutrophil nicotinamide-adenine dinucleotide phosphate-reduced oxidase activity [Moon] 73 (Ja)
Tomography, Emission Computed
computed tomography in assessment of pediatric abdominal trauma [Mohamed] 703 (Je)
diagnosis of traumatic cardiac contusion [Waxman] 689 (Je)
Tomography, NMR see Nuclear Magnetic Resonance
Tomography, Ultrasonic see Ultrasonic Diagnosis
Tomography, X-Ray Computed
abdominal, does not replace celiotomy, evaluation of gastric adenocarcinoma [Cook] 603 (My)
chronic contained rupture of abdominal aortic aneurysms [Jones] 542 (My)
comparison of staging methods for Hodgkin's disease in children [Lally] 1125 (Oc)
computed tomographic analysis of gallstones, in vitro study [Hickman] 289 (Mr)
efficacy of magnetic resonance imaging in 139 children with tumors [Cohen] 522 (My)
in assessment of pediatric abdominal trauma [Mohamed] 703 (Je)
percutaneous drainage of diverticular abscess, adjunct to surgical therapy [Saini] 475 (Ap)
radiologic diagnosis of intra-abdominal abscess, do multiple tests help? [Dobrin] 41 (Ja)
treatment of pyogenic hepatic abscesses, surgical vs percutaneous drainage [Bertel] 554 (My)
true splenic cyst associated with hypersplenism (letter) [Marterre] 859 (Jy)
tumoricidal effects and patient survival after hyperthermic liver perfusion [Skibba] 1266 (No)
Trachea
stone basket extraction of bronchial foreign body (letter) [Moss] 975 (Au)
Traction
pulmonary and cardiovascular consequences of immediate fixation or conservative management of long-bone fractures [Lozman] 992 (Se)
shoulder harness, for roentgenographic assessment of cervical spine [Norris] 452 (Ap)
Transplantation
liver, Boston Center for, (BCLT), initial experience of new surgical consortium [Jenkins] 424 (Ap)
totally autogenous venovenous composite bypass grafts, salvage of almost irretrievable extremity [Harris] 1128

Transplantation—Continued
(Oc)
Transplantation, Autologous
successful vein bypass in patients with ischemic limb and palpable popliteal pulse [Cantelmo] 217 (Fe)
Transplantation, Heterologous
five-year experience with bovine heterograft for vascular access [Brems] 941 (Au)
Transplantation, Homologous
aseptic hip necrosis after renal transplantation [Brazil] 803 (Jy)
effect of transfusion on immune function in traumatized animal model [Waymack] 50 (Ja)
pulmonary infections, Minnesota randomized prospective trial of cyclosporine vs azathioprine-antilymphocyte globulin for immunosuppression in renal allograft recipients [Hesse] 1056 (Se)
Transplantation, Isogenic
inhibition of rat colon tumor isograft growth with dequalinium chloride [Bleday] 1272 (No)
Trauma Centers
impact of prospective reimbursement on, alternative payment plan [Jacobs] 479 (Ap)
Trauma see Wounds and Injuries
Trauma Units see Trauma Centers
Trypsin
vasoactive properties of ascitic fluid in acute pancreatitis in porcine model [Innes] 665 (Je)
Tryptophan
regional brain amino acid and neurotransmitter derangements during abdominal sepsis and septic encephalopathy in rat, effect of amino acid infusions [Freund] 209 (Fe)
Tube Feeding see Enteral Feeding
Tumor Antibodies see Antibodies, Neoplasm
Tumor Staging see Neoplasm Staging
Tyrosine
effect of indomethacin on muscle and liver protein synthesis and on whole-body protein degradation during abdominal sepsis in rat [Freund] 1154 (Oc)

U

Ultrasonic Diagnosis
anastomatic pseudoaneurysms, continuing late complication of vascular reconstructive procedures [Dennis] 314 (Mr)
congenital micro-arteriovenous shunts, angiographic and Doppler ultrasonographic identification [Halmovici] 1065 (Se)
intraoperative assessment of in situ saphenous vein arterial grafts using pulsed Doppler spectral analysis [Bandyk] 292 (Mr)
percutaneous drainage of diverticular abscess, adjunct to surgical therapy [Saini] 475 (Ap)
radiologic diagnosis of intra-abdominal abscess, do multiple tests help? [Dobrin] 41 (Ja)
true splenic cyst associated with hypersplenism (letter) [Marterre] 859 (Jy)
Ultrasonic Therapy
mucin production by *Staphylococcus epidermidis*, virulence factor promoting adherence to vascular grafts [Schmitt] 89 (Ja)
Ultrasonics see also Echocardiography
dissector, segmental hepatic resection utilizing [Andrus] 515 (My)
hemodynamic indicators of postthrombotic sequelae [Norris] 765 (Jy)
Ultrasonography see Ultrasonic Diagnosis
United States
general surgical operations in, 1979 to 1984 [Rutkow] 1145 (Oc)
surgical oncology in university departments of surgery in [Lawrence] 1088 (Se)
United States Public Health Service
general surgical operations in United States, 1979 to 1984 [Rutkow] 1145 (Oc)
University Medical Centers see Academic Medical Centers
Uracil
influence of dietary nucleotide restriction on bacterial sepsis and phagocytic cell function in mice [Kulkarni] 169 (Fe)
Urokinase
efficacy of tissue plasminogen activator and, in canine model of prosthetic graft thrombosis [Curl] 782 (Jy)
intra-arterial fibrinolytic therapy, efficacy of streptokinase vs [Belkin] 769 (Jy)
Utilization Review
total cholecystectomy utilization by diagnosis related group [Lagoe] 1006 (Se)

V

Vagotomy
canine mucosal antrectomy [Becker] 824 (Jy)
clinical aspect of retained gastric antrum [Lee] 1181 (Oc)
duodenoplasty and proximal gastric, in peptic stenosis, experience with 43 cases [Barroso] 1021 (Se)
Valine
clinical use of branched-chain amino acids in liver disease, sepsis, trauma, and burns [Sax] 358 (Mr)
Vancomycin
hydrochloride and 'red-neck' syndrome (letter) [Wade] 859 (Jy)
Vascular Graft Occlusion see Graft Occlusion, Vascular
Vascular Graft Patency see Graft Occlusion, Vascular
Vascular Resistance
LeVeen vs Denver peritoneovenous shunts for intractable ascites of cirrhosis, randomized, prospective trial [Fulenwider] 351 (Mr)
Vascular Surgery
aortic reconstruction vs extra-anatomic bypass and angioplasty, thoughts on evolving protocol for selection [Bunt] 1166 (Oc)
axillofemoral bypass, expectations and results [Savrin] 1016 (Se)
Vasodilation
continuous mixed venous oximetry in critically ill surgical patients, 'high-tech' cost-effectiveness [Orlando] 470 (Ap)
effect of prolonged intra-arterial prostaglandin E_1 infusion on canine arterial graft patency [Cronenwett] 760 (Jy)
Vasopressins
massive arterial hemorrhage in patients with pancreatitis, complementary roles of surgery and transcatheter occlusive techniques [Waltman] 439 (Ap)
Veins
laser welding of venotomies [White] 905 (Au)
results of venous reconstruction after civilian vascular trauma [Pasch] 607 (My)
Vena Cava, Inferior
early variceal rebleeding after successful distal splenorenal shunt [Eckhauser] 547 (My)
left renal vein (letter) [Scher] 491 (Ap)
Vena Cava, Superior
double-lumen, silicone rubber, indwelling venous catheters, new modality for angioaccess [Schanzer] 229 (Fe)
Venous Insufficiency
intraoperative assessment of in situ saphenous vein arterial grafts using pulsed Doppler spectral analysis [Bandyk] 292 (Mr)
results of venous reconstruction after civilian vascular trauma [Pasch] 607 (My)
Venous Pressure
continuous mixed venous oximetry in critically ill surgical patients, 'high-tech' cost-effectiveness [Orlando] 470 (Ap)
study of valve imcompetence that developed in experimental model of venous hypertension [van Bemmelen] 1048 (Se)
Venous Pressure, Central see Central Venous Pressure
Venous Thrombosis see Thrombophlebitis
Ventilation-Perfusion Ratio
can ventilation-perfusion scans accurately diagnose acute pulmonary embolism? [McBride] 754 (Jy)
Vincristine
improved survival in squamous esophageal cancer, preoperative chemotherapy and radiation [Popp] 1330 (No)
Vitamin C see Ascorbic Acid
Vomiting
strategy for intestinal obstruction of peritoneal carcinomatosis [McCarthy] 1081 (Se)

W

Weight Gain see Body Weight
Weight Loss see Body Weight
Western Surgical Association
93rd annual meeting, Rochester, Minn, Nov 17-20, 1985, papers read before, 509-607 (My); 635-708 (Je)
presidential address, clinical surgeons who write, pride, prejudice, and responsibility [Adson] 509 (My)
Wet Lung see Respiratory Distress Syndrome, Adult
Whole Blood Coagulation Time see Blood Coagulation Tests
Wound Infection
closure of abdominal incisions with subcutaneous catheters, prospective randomized trial [Farnell] 641 (Je)
efficacy of short-course antibiotic prophylaxis after penetrating intestinal injury, prospective randomized trial [Dellinger] 23 (Ja)
enterococcal burn sepsis, highly lethal complication in severely burned patients [Jones] 649 (Je)
host-opportunist interactions in surgical infection, presidential address before 5th annual meeting of Surgical Infection Society [Pruitt] 13 (Ja)
Wounds and Injuries see also Debridement
alterations in exogenous substrate metabolism in sepsis [Fried] 173 (Fe)
clinical use of branched-chain amino acids in liver disease, sepsis, burns, and [Sax] 358 (Mr)
depression of cellular immunity after major injury, association with posttraumatic complications and its reversal with immunomodulation [Faist] 1000 (Se)
intra-abdominal injury in handlebar hernia (letter) [Yarbrough] 491 (Ap)
nutrition and infection, new perspectives for old problem [Alexander] 966 (Au)
posttraumatic complications and inflammatory mediators [Nuytinck] 886 (Au)
prevention of posttraumatic alterations in lymphocyte subpopulations in mice by immunomodulating drugs [Zapata-Sirvent] 116 (Ja)
pulmonary and cardiovascular consequences of immediate fixation or conservative management of long-bone fractures [Lozman] 992 (Se)
results of venous reconstruction after civilian vascular trauma [Pasch] 607 (My)
shoulder harness traction for roentgenographic assessment of cervical spine [Norris] 452 (Ap)
trauma serum suppresses superoxide production by normal neutrophils [Lanser] 157 (Fe)
Wounds, Gunshot
abdominal, correlation of response time and results of [Fiedler] 902 (Au)
Wounds, Nonpenetrating
computed tomography in assessment of pediatric abdominal trauma [Mohamed] 703 (Je)
hepatic coma resulting from diaphragmatic rupture and hepatic herniation [Negre] 950 (Au)
Wounds, Penetrating
efficacy of short-course antibiotic prophylaxis after penetrating intestinal injury, prospective randomized trial [Dellinger] 23 (Ja)
single-antibiotic use for penetrating abdominal trauma [Nelson] 153 (Fe)
Writing
clinical surgeons who write, pride, prejudice, and responsibility, presidential address before annual meeting of Western Surgical Association [Adson] 509 (My)

Z

Zollinger-Ellison Syndrome
clinical aspect of retained gastric antrum [Lee] 1181 (Oc)
Zymosan
leukocyte aggregation response to quantitative plasma levels of C3a and C5a [Williams] 305 (Mr)
multiple-organ failure and sepsis without bacteria, experimental model [Goris] 897 (Au)